

PRODUCT CATALOG

WINTER 2023 EDITION



Technologies that Take You Further

Network • HDCVI • Thermal Imaging • Access Control • Vehicle Security
Transmission • Video Intercom • Software • Accessories



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ABOUT US

Dahua USA combines stellar customer service with unparalleled technology to create high performance security solutions for our clients.

Our comprehensive solutions comprise a wide range of features, including video management software and award-winning security cameras. Our dual emphasis on constant technological innovation and client support helps us deliver exceptional quality, reliability, and stability to both our end users and reseller partners.

Dahua USA's extensive spectrum of products means that we have a security solution for every need and budget. We offer network and HDCVI cameras, recorders, NVRs, and accessories, each ranging across our different series offerings, including Lite Series, Pro Series, and Ultra Series.



DEALER ALL-STAR PROGRAM



Sign Up Today to Enjoy Great Savings and Benefits

Dahua is committed to providing our partners with comprehensive resources that will **help them gain a competitive advantage** and win more business. **Three different All-Star tiers** provide an array of opportunities and support.



Extended Warranty



Dealer Portal



Project Registration



Over the Counter Exchange



Tech Support



Demo Purchase Program



Dahua Marketplace
(Available to US Dealers Only)



Partner Training

Contact us now to learn more: dealers.usa@dahuatech.com

			
Requirements			
Sales (Annually)	\$5K and up	\$60K and up	\$120K and up
Certification	None	1 Technical Certification & 1 Sales Certification	2 Technical Certifications & 2 Sales Certifications
Benefits			
Pricing Benefit	Up to 44% off MSRP	Up to 48% off MSRP	Up to 52% off MSRP
Extended Warranty	✓	✓	✓
Over the Counter Exchange	✓	✓	✓
Project Registration	✓	✓	✓
Demo Purchase Program	up to \$5K	up to \$10K	up to \$15K
Co-Marketing	✓	✓	✓
Partner Training	✓	✓	✓
Dealer Portal	✓	✓	✓
Dahua Marketplace (Available to US Dealers Only)	✓	✓	✓
Tech Support	General Line	General Line	Priority Line
Partner Care Program		✓	✓
Lead Generation		✓	✓
Technical Consultant			✓
All-Star Partner Summit			Eligible

Technologies that Take You Further

ePoE Technology

ePoE Technology offers a plug-and-play solution to transmit power and data over long distances via Ethernet or coaxial cables. ePoE technology is a viable, cost-effective solution for extending transmission distances and for converting existing, coax-based analog systems into IP systems.



HDCVI

HDCVI is an open platform standard developed by Dahua Technology. HDCVI extends the life of legacy infrastructure with up to 4K resolution and intelligent features. Penta-brid recorders with M-N technology allows lower cost DVR's to be compatible with 4MP/5MP analog cameras, with overall subjective detail close to the original image.



Smart Motion Detection+ (SMD+)

Smart Motion Detection+ (SMD+), a component of Dahua's Analytics+ technology, improves alarm accuracy and decreases the number of false alarms. The advanced SMD+ algorithm analyzes a scene for human or vehicle motion, while filtering out other motion due to trees, leaves, animals or weather and triggers an alarm when detected. SMD+ also saves time when searching recorded video by filtering false alarms and allowing quick retrieval of an alarm due to a person or vehicle.



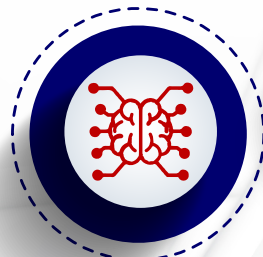
Smart H.265+

Dahua's line of Smart H.265+ cameras offer backwards compatibility with H.264 and H.265, allowing greater flexibility to configure different encoding options in a video surveillance system. Pair with a Dahua recorder for a full solution that is cost-effective and doesn't put strain on the network.



AI Coding

AI Coding, when enabled saves up to 50% more in storage as compared to the standard H.265. AI coding puts emphasis on humans and vehicles in the scene to ensure those areas have the highest image



Wiz Series

Wiz Series
Take security further with advanced analytics that provide deeper insights, increased accuracy, and time saving alerts.



Dahua Thermal

The Dahua Thermal Network cameras produce clear images in total darkness, and deliver usable images in fog, rain, and snow, offering covert surveillance without the need for external light.



Night Color Technology

Night Color Technology produces crisp, clear color images. This light-sensitive technology captures more available light and reproduces color images with superior detail and contrast. Night Color technology has three tiers—Basic, Enhanced, and Plus—to give you plenty of options to choose the low-light camera that fits your needs and budget.



Starlight

Starlight Technology produces clear monochrome images when lighting conditions are too low to render color images. Starlight Technology has three tiers—Basic, Enhanced, and Plus—to give you plenty of options to choose the low-light camera that fits your needs and budget.



DAHUA PRODUCT SERIES

Dahua offers three series of products to suit simple through advanced applications. From basic products, to the latest in cutting-edge video surveillance technology, Dahua provides feature-rich, reliable cameras, recorders, and accessories at a competitive price. The three series of offerings range from good, economical products to competitively priced, feature-rich products.

There's a Dahua product for every solution!

UltraSeries

Dahua's Ultra Series offers network and HDCVI specialty cameras for niche, medium to large applications. IP offerings include 2MP, 4MP and 12MP fixed cameras and HDCVI 2MP and 8MP fixed options.

IP and HDCVI specialty cameras include 360-degree fisheye, ePoE technology, multisensors, and long-range PTZ cameras. Storage devices feature 32-, 64-, 128- or 256-channel RAID options with 4K recording.

ProSeries

Dahua's Pro Series offers network and HDCVI cameras for main stream professional, small to medium-size applications. IP and HDCVI fixed camera options include, 2MP, 4MP, 5MP and 8MP.

IP and HDCVI specialty cameras include 360-degree fisheye, Night Color, ePoE technology and mid-range PTZ cameras. Storage devices feature 8-, 16-, 24-, or 32-channel options with 4K recording.

LiteSeries

Dahua's Lite Series offers network and HDCVI cameras for small to medium-size applications. This Series is best for users with basic, uncomplicated scenes. IP options include 4MP and 5MP fixed and hybrid thermal cameras. HDCVI options include 2MP and 5MP cameras.

Both network and HDCVI technologies also offer short-range PTZ cameras. Storage devices feature 4-, 8-, or 16-channel options.

NETWORK CAMERAS



MODEL	N85DB6Z	DH-IPC-HFW5842EN-Z4E-S2	N85EFN2	N85DF62	DH-IPC-HFW7442HN-ZFR	N53AF5Z
INNOVATIVE FEATURES	ProSeries Wiz Mind	ProSeries Wiz Mind	ProSeries Wiz Mind	ProSeries Wiz Mind	UltraSeries Wiz Mind	LiteSeries Wiz Sense
IMAGE SENSOR	1/1.8" 4K (8MP) CMOS	1/2.5" 4K (8MP) STARVIS™ CMOS	1/1.2" 4K (8MP) CMOS	1/1.8" 4K (8MP) CMOS	1/1.8" 4MP CMOS	1/2.7" 5MP CMOS
LENS	2.7mm to 12mm, Motorized	8mm to 32mm, Motorized	2.8mm	2.8mm	2.7mm to 12mm, Motorized	2.7mm to 13.5mm, Motorized
HORIZONTAL FIELD OF VIEW	110.4° to 45.0°	38° to 14°	112°	111°	111° to 47°	99° to 26°
MINIMUM ILLUMINATION	Starlight+ Color: 0.0004 lux/F1.4 0 lux/F1.4 (IR on)	Color: 0.05 lux/F1.4 0 lux/F1.4 (IR on)	Color: 0.0005 lux at F1.0	Starlight+ Color: 0.0004 lux at F1.4	Starlight+ Color: 0.001 lux/F1.2 0 lux/F1.2 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)
DAY/NIGHT	True Day/Night	True Day/Night	Color, B/W	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)	True WDR (120dB)	Ultra WDR (140dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	197ft (60m)	328ft (100m)	Enhanced Night Color 131ft (40m) White-light LEDs	98ft (30m)	164ft (50m)	197ft (60m)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, (MJPEG sub-stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG
MAXIMUM RESOLUTION	4K (8MP) (3840x2160)	4K (8MP) (3840x2160)	4K (8MP) (3840x2160)	4K (8MP) (3840x2160)	4MP (2688 x 1520)	5MP (2592 x 1944)
FRAME RATE	30fps@4K	15fps@4K 30fps@3MP	30fps@4K	30fps@4K	60fps@4MP	20fps@2592 x 1944 30fps@2688 x 1520
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	5 streams	3 streams
INTELLIGENT VIDEO	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Analytics+ (People Counting, Perimeter Protection, Image Attribute Extraction)	Tripwire, Intrusion with Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF, PSIA, CGI	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF Profile S and G, CGI, P2P, RTMP	ONVIF (Profile S and G), CGI, P2P
AUDIO IN/OUT	1/1 + Built-in Microphone	1/1	1/1, Built-in Microphone	1/1, Built-in Microphone	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	2/1	2/1	1/1	1/1	3/2	1/1
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10	IP67	IP67, IK10	IP67, IK10	IP67
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC, 24 VAC, PoE (802.3af, Class 0), ePoE Max 7.9 W	12 VDC or PoE (802.3af, Class 0), ePoE Max < 12.95 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 9.4 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 7.5 W	12 VDC, 24 VAC, or PoE (802.3af, Class 0) ePoE Max 17.3 W	12 VDC or PoE (802.3af, Class 0) Max < 9.8 W

NETWORK CAMERAS



MODEL	N53AB52	N45EFNZ	N45DB7Z	N43AF5Z	N42BD32	N43BX82
INNOVATIVE FEATURES	LiteSeries WizSense	ProSeries WizMind	ProSeries WizMind	LiteSeries WizSense	LiteSeries	LiteSeries TIOC
IMAGE SENSOR	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/2.7" 4MP CMOS
LENS	2.8mm	2.7mm to 12mm Motorized	2.7mm to 12mm Motorized	2.7mm to 13.5mm Motorized	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	98°	114° to 48°	114° to 47°	104° to 27°	102°	101°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.0005 lux at F1.0	Starlight+ Color: 0.0024 lux/F1.8 0 lux/F1.8 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Basic Starlight Color: 0.008 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.003 lux/F1.0
DAY/NIGHT	True Day/Night	Color, B/W	True Day/Night	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	Ultra WDR (140dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	164ft (50m)	Enhanced Night Color 230ft (70m) White-light LEDs	164ft (50m)	197ft (60m)	98ft (30m)	Smart Dual Illumination 30 m (98.43 ft) (IR) 30 m (98.43 ft) (white-light LED)
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264 (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)
MAXIMUM RESOLUTION	5MP (2592 x 1944)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	20fps@2592 x 1944 30fps@2688 x 1520	30fps@4MP	30fps@4MP	30fps@4MP	20fps@4MP	30fps@4MP
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	2 streams	3 streams
INTELLIGENT VIDEO	Tripwire, Intrusion with Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Face Capture, Metadata Extraction, Perimeter Protection, and People Counting with Loitering, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Tripwire, Intrusion	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S and G), CGI, P2P	ONVIF (Profile S/Profile G/Profile T), CGI; P2P	ONVIF, CGI	ONVIF (Profile S and G), CGI, P2P	ONVIF (Profile S/Profile G/Profile T), CGI, P2P	ONVIF (Profile S/Profile G/Profile T), CGI, P2P
AUDIO IN/OUT	1/1	1/1, Built-in Microphone	1/1	1/1	—	1/1, Two (2) Built-in Microphones + Built-in Speaker
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	1/1	1/1	2/1	1/1	—	1/1 Sound and Light Alarm (Red and Blue Lights)
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67, IK10	IP67	IP67	IP67
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC or PoE (802.3af, Class 0) Max < 5.4 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 10.9 W	12 VDC or PoE+ (802.3at, Class 4), ePoE Max <15.2 W	12 VDC or PoE (802.3af, Class 0), ePoE Max <9.8 W	12 VDC (±30%) or PoE (802.3af, Class 0) Max < 5 W	12 VDC or PoE (802.3af, Class 0) Max <9.7 W

NETWORK CAMERAS

						NEW 
MODEL	N42DDS2	N43BB62	N43AB52	N45EFN2	N85DL6Z	DH-IPC-HDBW-5842EN-Z4E-S2
INNOVATIVE FEATURES	LiteSeries WizSense	LiteSeries WizSense	LiteSeries WizSense	ProSeries WizMind	ProSeries WizMind	ProSeries WizMind
IMAGE SENSOR	1/3" 4MP CMOS	1/2.7" 4MP CMOS	1/3" 4MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4K (8MP) CMOS	1/2.5" 4K (8MP) STARVIS™ CMOS
LENS	2.8mm	2.8mm	2.8mm	2.8mm	2.7mm to 12mm, Motorized	8mm to 32mm, Motorized
HORIZONTAL FIELD OF VIEW	95°	103°	103°	107°	110.4° to 45.0°	38° to 14°
MINIMUM ILLUMINATION	Color: 0.008 lux/F1.6 0 lux (IR on)	Color: 0.003 lux/F1.0	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.0005 lux at F1.0	Starlight+ Color: 0.0004 lux/F1.4 0 lux/F1.4 (IR on)	Color: 0.05 lux/F1.4 0 lux/F1.4 (IR on)
DAY/NIGHT	Auto (ICR); Manual	Color, B/W	True Day/Night	Color, B/W	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	WDR (120 dB)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)	True WDR (120dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	Basic Night Color; Smart Dual Illumination IR: 30m (98ft) Warm Light: 15m (49ft)	Enhanced Night Color White-light: 98ft (30m)	164ft (50m)	Enhanced Night Color 131ft (40m) White-light LEDs	131ft (40m)	328ft (100m)
VIDEO COMPRESSION	Smart H.265+, Smart H.264+, H.264H, H.265, H.264, H.264B, MJPEG (Only supported by the sub stream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
MAXIMUM RESOLUTION	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4K (8MP) (3840x2160)	4K (8MP) (3840x2160)
FRAME RATE	20 fps@4MP	30fps@4MP	30fps@4MP	30fps@4MP	30fps@4K	15fps@4K 30fps@3MP
MULTI-STREAMING	2 streams	3 streams	3 streams	3 streams	3 streams	3 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions – Perimeter Protection, Intelligent Search, Smart Motion Detection+	Premium IVS, Analytics+ Functions – Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions – Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions – Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object
COMPATIBILITY	ONVIF (Profile S, Profile T), CGI, P2P, SDK, API	ONVIF Profile S, G, T; CGI, P2P	ONVIF Profile S and G, CGI, P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF, PSIA, CGI
AUDIO IN/OUT	Built-in Microphone	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 128GB
ALARM IN/OUT	–	1/1	1/1	1/1	1/1	1/1
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC or PoE (802.3af) Max <5.2 W	12 VDC or PoE (802.3af, Class 0) Max <8.4 W	12 VDC or PoE (802.3af, Class 0), ePoE Max <5.4 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 8.4 W	12 VDC, 24 VAC, PoE (802.3af, Class 0), ePoE Max 10.1 W	12 VDC, 24 VAC, or PoE+ (802.3at, Class 4), <15 W

NETWORK CAMERAS



MODEL	N82AL32	N85DY62	N53AM5Z	N55DY82	N53AL52	DH-IPC-HDBW7442HN-ZFR
INNOVATIVE FEATURES	LiteSeries	ProSeries Wiz Mind	LiteSeries Wiz Sense	ProSeries Wiz Mind	LiteSeries Wiz Sense	UltraSeries Wiz Mind
IMAGE SENSOR	1/2.7" 4K (8MP) CMOS	1/1.8" 4K (8MP) CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS
LENS	2.8mm	2.8mm	2.7mm to 13.5mm, Motorized	2.8mm	2.8mm	2.7mm to 12mm, Motorized
HORIZONTAL FIELD OF VIEW	105°	111°	99° to 26°	98°	98°	111° to 47°
MINIMUM ILLUMINATION	Basic Starlight Color: 0.009 lux/F2.0 0 lux/F2.0 (IR on)	Starlight+ Color: 0.0004 lux/F1.4 0 lux/F1.4 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Starlight+ Color: 0.001 lux/F1.2 0 lux/F1.2 (IR on)
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)
MAXIMUM IR DISTANCE	98ft (30m)	98ft (30m)	131ft (40m)	IR: 98ft (30m) White Light: 49ft (15m)	164ft (50m)	131ft (40m)
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG (sub-stream only)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, (MJPEG substream)
MAXIMUM RESOLUTION	4K (8MP) (3840 x 2160)	4K (8MP) (3840x2160)	5MP (2592 x 1944)	5MP (2592 x 1944)	5MP (2592 x 1944)	4MP (2688 x 1520)
FRAME RATE	15fps@4K 30fps@2688 x 1520	30fps@4K	20fps@2592 x 1944 30fps@2688 x 1520	20fps@2592 x 1944 30fps@2688 x 1520	20fps@2592 x 1944 30fps@2688 x 1520	60fps@4MP
MULTI-STREAMING	2 streams	3 streams	3 streams	3 streams	3 streams	5 streams
INTELLIGENT VIDEO	Tripwire, Intrusion	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Tripwire, Intrusion with Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, Face Mask Detection, and Smart Motion Detection+	Tripwire, Intrusion with Smart Motion Detection+	Analytics+ (People Counting, Perimeter Protection, Image Attribute Extraction)
COMPATIBILITY	ONVIF (Profile S/Profile G/Profile T), CGI, P2P	ONVIF (Profile S/Profile G/Profile T), CGI; P2P	ONVIF (Profile S and G), CGI, P2P	ONVIF (Profile S/Profile G/Profile T), CGI, SDK; API	ONVIF (Profile S and G), CGI, P2P	ONVIF (Profile S and G), CGI, P2P, RTMP
AUDIO IN/OUT	—	1/1, Built-in Microphone	1/1	1/1, Built-in Microphone + Built-in Speaker	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	—	1/1	1/1	1/1	1/1	3/2
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC (±30%) or PoE (802.3af, Class 0) < 6.2 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 7.4 W	12 VDC or PoE (802.3af, Class 0) Max < 9.8 W	12 VDC or PoE (802.3af, Class 0), ePoE Max < 8.6 W	12 VDC or PoE (802.3af, Class 0) Max < 7.3 W	12 VDC, 24 VAC, or PoE (802.3af, Class 0), ePoE Max 16.7 W

NETWORK CAMERAS







						
MODEL	N45DL7Z	DH-IPC-HDBW5442HN-ZHE	N45EYNZ	N43AM5Z / N43AM5Z-B	N45DM62	N45EYN2
INNOVATIVE FEATURES	ProSeries Wiz Mind	ProSeries Wiz Mind	ProSeries Wiz Mind	ProSeries Wiz Sense	ProSeries Wiz Mind	ProSeries Wiz Mind
IMAGE SENSOR	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS	1/3" 4MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS
LENS	2.7mm to 12mm, Motorized	2.7mm to 12mm, Motorized	2.7mm to 12mm, Motorized	2.7mm to 13.5mm Motorized	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	114° to 47°	107° to 44°	115° to 48°	104° to 27°	113°	107°
MINIMUM ILLUMINATION	Starlight+ Color: 0.0024 lux/F1.8 0 lux/F1.8 (IR on)	Starlight+ Color: 0.003 lux/F1.8 0 lux/F1.8 (IR on)	Color: 0.0005 lux at F1.0	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Starlight+ Color: 0.0016 lux at F1.6 0 lux/F1.6 (IR on)	Color: 0.0005 lux /F1.0
DAY/NIGHT	True Day/Night	True Day/Night	Color, B/W	True Day/Night	True Day/Night	Color (default) Electronic Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	Ultra WDR (140dB)	Ultra WDR (140dB)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)
MAXIMUM IR DISTANCE	148ft (45m)	131ft (40m)	Enhanced Night Color 131ft (40m) White-light LEDs	131ft (40m)	85ft (26m)	Enhanced Night Color White Light: 66ft (20m)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264 (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264 (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264 (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, MJPEG (sub stream only)
MAXIMUM RESOLUTION	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	30fps@4MP	30fps@4MP 60fps@1080p	30fps@4MP	30fps@4MP	30fps@4MP	30fps@2688 x 1520
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Metadata Extraction, Perimeter Protection, People Counting with Loitering, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Heat Map Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting with Loitering, Face Detection, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, and Smart Motion Detection+
COMPATIBILITY	ONVIF, CGI	ONVIF (Profile S/Profile G/Profile T), CGI; P2P	ONVIF (Profile S/Profile G/Profile T), CGI; P2P	ONVIF (Profile S/Profile G), CGI, P2P	ONVIF, CGI	ONVIF (Profile S/Profile G/Profile T), CGI, P2P
AUDIO IN/OUT	1/1	1/1	1/1, + Built-in Microphone + Built-in Speaker	1/1	1/1	1/1, + Built-in Microphone
MEMORY SLOT	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB
ALARM IN/OUT	1/1	3/2	1/1	1/1	1/1	1/1
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10, NEMA Type 4X	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC, 24 VAC, or PoE+ (802.3af, Class 4), ePoE Max <18.7 W	12 VDC, 24 VAC, PoE (802.3af, Class 0), ePoE Max 11.9 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 10.5 W	12 VDC or PoE (802.3af, Class 0) Max <8.5 W	12 VDC or PoE (802.3af, Class 0), ePoE < 4.2 W	12 VDC (±30%), PoE (802.3af, Class 0), or ePoE Max 7.9 W

NETWORK CAMERAS



MODEL	N43AL52 / N43AL52-B	N45EM63	N43AN52	DH-IPC-HDBW5231EN-ZE-HDMI	N22AL12	N81CJ02
INNOVATIVE FEATURES	LiteSeries WizSense	ProSeries WizMind	LiteSeries WizSense	ProSeries	LiteSeries	LiteSeries E-VU
IMAGE SENSOR	1/3" 4MP CMOS	1/1.8" 4MP CMOS	1/3" 4MP CMOS	1/2.8" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 8MP CMOS
LENS	2.8mm	3.6mm	2.8mm	2.7mm to 13.5mm, Motorized	2.8mm	2.8 mm
HORIZONTAL FIELD OF VIEW	103°	93°	103°	101° to 31°	110°	105°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.0056 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.0022 lux /F1.2 Night Color: Scene requires a minimum of 1 lux illumination	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.006 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.04 lux/F2.0 0 lux (IR On)
DAY/NIGHT	True Day/Night	Color (default) Electronic Day/Night	True Day/Night	True Day/Night	True Day/Night	Auto (ICR), Color, B/W
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	DWDR	DWDR
MAXIMUM IR DISTANCE	164ft (50m)	—	164ft (50m)	164ft (50m)	98ft (30m)	98ft (30m)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, MJPEG (sub-stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B	Smart H.265+, H.265, Smart H.264+, H.264, H.264B (MJPEG substream)
MAXIMUM RESOLUTION	4MP (2688 × 1520)	4MP (2688 × 1520)	4MP (2688 × 1520)	1080p (1920 × 1080)	1080p (1920 × 1080)	8MP (3840 × 2160)
FRAME RATE	30fps@4MP	30fps@4MP	30fps@4MP	30fps@1080p	30fps@1080p	3840 × 2160 at 1 to 15 fps 2688 × 1520 at 1 to 30 fps 704 × 576 at 1 to 25 fps 704 × 480 at 1 to 30 fps
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	2 streams	2 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object, Perimeter Protection, People Counting with Loitering, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object	Tripwire, Intrusion	Premium IVS Functions — Motion Detection
COMPATIBILITY	ONVIF (Profile S/Profile G), CGI, P2P	ONVIF (Profile S/Profile G), API	ONVIF (Profile S/Profile G), CGI, P2P	ONVIF (Profile S/Profile G), API	ONVIF (Profile S/Profile G), CGI,	ONVIF (Profile S, T), CGI, P2P, SDK, API
AUDIO IN/OUT	1/1	1/1	Built-in Microphone/-	1/1	—	Built-in Microphone
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	—
ALARM IN/OUT	1/1	1/1	—	1/1	—	—
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 131°F (-40°C to 55°C)
POWER	12 VDC or PoE (802.3af, Class 0), ePoE Max <7.3 W	12 VDC (±30%) or PoE (802.3af, Class 0), ePoE Max 3.5 W	12 VDC, PoE (802.3af, Class 0), ePoE Max < 5.7 W	12 VDC, 24 VAC, or PoE+ (802.3at, Class 4), ePoE Max <11.8 W	12 VDC, PoE (802.3af, Class 0) <4.5W	12 VDC or PoE (802.3af) Max 4.6 W

NETWORK CAMERAS

						
MODEL	N85DJ6Z	N85EUN2	N85DJ62	N83BU82	N53AJ5Z	N55DU82
INNOVATIVE FEATURES	ProSeries Wiz Mind	ProSeries	ProSeries Wiz Mind	LiteSeries TiOC	LiteSeries Wiz Sense	ProSeries Wiz Mind
IMAGE SENSOR	1/1.8" 4K (8MP) CMOS	1/1.2" 8MP CMOS	1/1.8" 4K (8MP) CMOS	1/2.8-in. 8MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS
LENS	2.7mm to 12mm, Motorized	2.8 mm	2.8mm	2.8mm	2.7mm to 13.5mm, Motorized	2.8mm
HORIZONTAL FIELD OF VIEW	110.4° to 45.0°	102°	113°	106°	99° to 26°	98°
MINIMUM ILLUMINATION	Starlight+ Color: 0.0004 lux/F1.4 0 lux/F1.4 (IR on)	0.0005 lux/F1.0	Starlight+ Color: 0.0004 lux/F1.4 0 lux/F1.4 (IR on)	Enhanced Starlight Color: 0.004 lux/F1.0 0 lux/F1.0 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)
DAY/NIGHT	True Day/Night	Enhanced Night Color Color, B/W	True Day/Night	Auto (ICR); Manual	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	WDR (140 dB)	True WDR (120dB)	WDR (120 dB)	True WDR (120dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	164ft (50m)	131ft (40m)	98ft (30m)	Smart Dual Illumination IR: 30m (98ft) Warm Light: 15m (49ft)	131ft (40m)	Smart Dual Illumination IR: 65ft (20m) White Light: 49ft (15m)
VIDEO COMPRESSION (MAIN STREAM)	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, Smart H.264+, H.264H, H.265, H.264, H.264B, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG
MAXIMUM RESOLUTION	4K (8MP) (3840x2160)	8MP (3840 x 2160)	4K (8MP) (3840x2160)	4MP (2688 x 1520)	5MP (2592 x 1944)	5MP (2592 x 1944)
FRAME RATE	30fps@4K	1 fps to 30 fps@3840 x 2160	30fps@4K	20fps@4MP	20fps@2592 x 1944 30fps@2688 x 1520	20fps@2592 x 1944 30fps@2688 x 1520
MULTI-STREAMING	3 streams	3 streams	3 streams	2 streams	3 streams	3 streams
INTELLIGENT VIDEO	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, Intelligent Search, People Counting, and Face Detection	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, Intelligent Search, and Smart Motion Detection+	Tripwire, Intrusion with Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, Face Mask Detection, and Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF (Profile S, Profile T), CGI, P2P, SDK, API	ONVIF (Profile S and G), CGI, P2P	ONVIF Profile (S, G, T); CGI, SDK; API
AUDIO IN/OUT	Built-in Microphone	Built-in Microphone	Built-in Microphone	Built-in Microphone	Built-in Microphone	1/1, + Built-in Microphone
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	—	—	—	Micro SD, Max 256GB	—	1/1
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67	IP67
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC, PoE (802.3af, Class 0), ePoE Max 7.3 W	12 VDC ±30%, PoE (802.3af, Class 0), or ePoE Max 9.8 W	12 VDC, PoE (802.3af, Class 0), ePoE Max 6.3 W	12 VDC or PoE (802.3af) Max 5.2 W	12 VDC or PoE (802.3af, Class 0) Max < 8.0 W	12 VDC or PoE (802.3af, Class 0), ePoE Max < 8.7 W

NETWORK CAMERAS



MODEL	N53AJ52	N45DUD2	N43BU82	N43BU83	N43BJ62	N43AJ52 / N43AJ52-B	N45EJN2
INNOVATIVE FEATURES	LiteSeries WizSense	ProSeries WizMind	LiteSeries TIOC		LiteSeries WizSense	LiteSeries WizSense	ProSeries WizMind
IMAGE SENSOR	1/2.7" 5MP CMOS	2 x 1/1.8" 4MP CMOS	1/2.7" 4MP CMOS		1/2.7" 4MP CMOS	1/3" 4MP CMOS	1/1.8" 4MP CMOS
LENS	2.8mm	2 x 2.8mm	2.8mm	3.6mm	2.8mm	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	98°	97°	101°		103°	103°	107°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.0002 lux/F1.0	Enhanced Starlight Color: 0.003 lux/F1.0		Color: 0.003 lux/F1.0	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.005 lux/F1.0 Built-in White-light LEDs
DAY/NIGHT	True Day/Night	Color, B/W	True Day/Night		Color, B/W	True Day/Night	Color, B/W
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	DWDR	True WDR (120dB)		True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)
MAXIMUM IR DISTANCE	164ft (50m)	Night Color+ Fusion 164ft (50m), White-light	Smart Dual Illumination 30 m (98.43 ft) (IR) 30 m (98.43 ft) (White-light LED)		Enhanced Night Color White-light: 98ft (30m)	164ft (50m)	Enhanced Night Color White-light: 65ft (20)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)		Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)
MAXIMUM RESOLUTION	5MP (2592 x 1944)	4MP (2688 x 1520)	4MP (2688 x 1520)		4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	20fps@2592 x 1944 30fps@2688 x 1520	30fps@2688 x 1520	30fps@4MP		30fps@4MP	30fps@4MP	30fps@4MP
MULTI-STREAMING	3 streams	3 streams	3 streams		3 streams	3 streams	3 streams
INTELLIGENT VIDEO	Tripwire, Intrusion with Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+		Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, and Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S and G), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P		ONVIF (Profile S/Profile G/Profile T); CGI, P2P	ONVIF (Profile S/Profile G), CGI, P2P	ONVIF (Profile S/Profile G/Profile T); CGI, P2P
AUDIO IN/OUT	Built-in Microphone	1/1, + Built-in Microphone + Built-in Speaker	1/1, Two (2) Built-in Microphones + Built-in Speaker		Built-in Microphone	Built-in Microphone	Built-in Microphone
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB		Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	—	1/1	1/1 Sound and Light Alarm (Red and Blue Lights)		1/1	1/1	—
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67		IP67	IP67	IP67
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)		-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC or PoE (802.3af, Class 0) Max < 8.1 W	12 VDC or PoE (802.3af, Class 0) Max < 10.5 W	12 VDC or PoE (802.3af, Class 0) Max < 8.6 W		12 VDC or PoE (802.3af, Class 0) Max < 8.4 W	12 VDC or PoE (802.3af, Class 0), ePoE Max < 7.7 W	12 VDC, PoE (802.3af, Class 0), or ePoE Max < 7.9 W

NETWORK CAMERAS









MODEL	N42BJ62	N42BJ62-B	N42DJS2	N45DJ62	DH-IPC-EBW81242N-AS-S2	N88BR5V
INNOVATIVE FEATURES	LiteSeries	LiteSeries	LiteSeries	ProSeries Wiz Mind	UltraSeries Wiz Mind	UltraSeries Wiz Mind
IMAGE SENSOR	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/1.8" 4MP CMOS	1/1.7" 4K (12MP) CMOS	1/1.7" 4K (8MP) CMOS
LENS	2.8mm	2.8mm	2.8mm	2.8mm	1.85mm	Immersion Panamorph Lens RPL: B9VVT 1.29mm
FIELD OF VIEW	102°	102°	95°	113°	360° / Original, Panoramic, 4 Regions	360° / Original, Panoramic, 4 Regions
MINIMUM ILLUMINATION	Basic Starlight Color: 0.008 lux/F1.6 0 lux/F1.6 (IR on)	Basic Starlight Color: 0.008 lux/F1.6 0 lux/F1.6 (IR on)	0.008 lux at F1.6 (Color, 30 IRE) 0 lux (Illuminator on)	Starlight+ Color: 0.002 lux at F1.6 0 lux at F1.6 (IR on)	Color: 0.01 lux/F2.0 0lux/F2.0 (IR on)	Color: 0.01 lux/F2.0 0lux/F2.0 (IR on)
DAY/NIGHT	True Day/Night	True Day/Night	Auto (ICR); Manual	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	WDR (120 dB)	True WDR (120dB)	DWDR	DWDR
MAXIMUM IR DISTANCE	98ft (30m)	98ft (30m)	Basic Night Color; Smart Dual Illumination 30 m (98.43 ft) (IR), 15 m (49.21 ft) (Warm light)	164ft (50m)	33ft (10m)	33ft (10m)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B (MJPEG substream)	Smart H.265+, Smart H.264+, H.264H, H.265, H.264, H.264B (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, MJPEG
MAXIMUM RESOLUTION	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	12MP (4000 x 3000)	8MP (3280 x 2480)
FRAME RATE	20fps@2688 x 1520 30fps@ 2560 x 1440	20fps@2688 x 1520 30fps@ 2560 x 1440	2688 x 1520 at 20 fps	30fps@2688 x 1520 60fps@1080p	25fps@12MP	30fps@8MP
MULTI-STREAMING	2 streams	2 streams	2 streams	3 streams	3 streams	3 streams
INTELLIGENT VIDEO	Tripwire, Intrusion	Tripwire, Intrusion	Premium IVS, Analytics+ Functions — Perimeter Protection, Intelligent Search, and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, and Smart Motion Detection+	Analytics+ Functions — Perimeter Protection, People Counting, Queue Management Premium IVS Tripwire, Intrusion, Heat Map	Analytics+ Functions — Perimeter Protection (human detection only), People Counting Premium IVS, Tripwire, Intrusion, Heat Map
COMPATIBILITY	ONVIF (Profile S/Profile G/Profile T), CGI, P2P	ONVIF (Profile S/Profile G/Profile T), CGI, P2P	ONVIF (Profile S, Profile T), CGI, P2P, SDK, API	ONVIF (Profile S/Profile G/Profile T); CGI, P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; P2P
AUDIO IN/OUT	Built-in Microphone	Built-in Microphone	Built-in Microphone	Built-in Microphone	1/1 + Built-in Microphone and Built-in Speaker	1/1 + Built-in Microphone and Built-in Speaker
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	—	—	—	—	2/2	2/2
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 131°F (-40°C to 55°C)
POWER	12 VDC ±30% or PoE (802.3af, Class 0) Max <6.6 W	12 VDC ±30% or PoE (802.3af, Class 0) Max <6.6 W	12 VDC or PoE (802.3af) Max 5.2 W	12 VDC ±30% or PoE (802.3af, Class 0), ePoE Max <7.2 W	12 VDC or PoE+ (802.3at, Class 4) 12 VDC: 13 W maximum PoE+: 13.9 W maximum	12 VDC or PoE+ (802.3at, Class 4) 12 VDC: 13 W maximum PoE+: 13.9 W maximum

NETWORK CAMERAS



MODEL	N55CS5	N55CT5	DH-IPC-HCBW8442N	DH-IPC-HUM8441-E1-L4
INNOVATIVE FEATURES	ProSeries Wiz Mind	ProSeries Wiz Mind	ProSeries	Wiz Mind
IMAGE SENSOR	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/2.7" 4MP CMOS
LENS	1.4mm	1.4mm	2.5mm	2.8 mm
FIELD OF VIEW	180° / Original, Panoramic, Double Panoramic, 1+3, E-PTZ, 4 Pictures	180° / Original, Panoramic, Double Panoramic	Horizontal: 135° Vertical: 90°	Horizontal: 101° Vertical: 57° Diagonal: 115°
MINIMUM ILLUMINATION	Color: 0.006 lux/F2.0	Color: 0.006 lux at F2.0 0 lux at F2.0 (IR on)	Enhanced Starlight Color: 0.004 lux at F2.0 0 lux at F2.0 (IR on)	Color: 0.005 lux/F2.0 B/W: 0.0005 lux/F2.0
DAY/NIGHT	Electronic Day Night	True Day/Night	True Day/Night	Color, B/W
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)	True WDR (120 dB)
MAXIMUM IR DISTANCE	—	33ft (10m)	33ft (10m) 940 nm	—
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, MJPEG (Substream Only)
MAXIMUM RESOLUTION	5MP (2592 x 1944)	5MP (2592 x 1944)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	30fps@2592 x 1944	30fps@2592 x 1944	30fps@4MP	30fps@4MP
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Heat Map	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Heat Map	Analytics+ (Parking Detection, Fast Moving, Loitering, Perimeter Protection, People Counting, Crowd Gathering) Premium IVS (Motion, Scene Change, Abandoned/Missing Object, Heat Map)	Premium IVS, Analytics+ Functions — Perimeter Protection, Intelligent Search, Face Detection, Missing/Abandoned Object
COMPATIBILITY	ONVIF (Profiles S, G, T), CGI, P2P	ONVIF (Profiles S, G, T), CGI, P2P	ONVIF (Profile S and G), CGI, P2P	ONVIF (Profile S, Profile G, Profile T), CGI, P2P, SDK, API
AUDIO IN/OUT	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	1/1	1/1	1/1	2/2
ENVIRONMENTAL PROTECTION	IP67, IK10	—	IP67, IK10+50J	—
WORKING TEMPERATURE	-22°F to 131°F (-30°C to 55°C)	14°F to 122°F (-10°C to 50°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC or PoE (802.3af, Class 0) 12 VDC: 5.1 W with IR On PoE: 6 W with IR On	12 VDC or PoE (802.3af, Class 0) 12 VDC: 7.3 W with IR On PoE: 8.8 W with IR On	12 VDC, PoE (802.3af, Class 0) 12 VDC: 9.5 W with IR On PoE: 11.5 W with IR On	12 VDC or PoE (802.3af) Max 3.9 W (12 VDC), 4.8 W (PoE)

NETWORK CAMERAS

						
MODEL	DHI-DB11	DH-DB61 DH-DBI-CAN	DS11-USA	IPC-L26N	N41BL13-W	N41BD42-W
FORM FACTOR	Doorbell	Doorbell	Doorbell Chime	Floodlight	LiteSeries	LiteSeries
IMAGE SENSOR	1/2.7" 2MP CMOS	1/2.7" 5MP CMOS	—	1/2.7" 2MP CMOS	1/3" CMOS	1/3" CMOS
LENS	1.9mm	2.2mm	—	2.8mm	2.8mm	2.8mm
FIELD OF VIEW	Horizontal: 140°	Horizontal: 124°	—	Horizontal: 114° Vertical: 66°	Horizontal: 90°	Horizontal: 90°
WIFI CAPABILITY	2.4 GHz WiFi (IEEE802.11b/g/n) 100 m (328 ft) Open Field WiFi Internal Dual Antennae, 2 x 2 MIMO	USA model DH-DB61: 2.4G Wi-Fi and all bands of 5G Wi-Fi Canadian model DH-DB61-CAN: 2.4G Wi-Fi and 5G Wi-Fi band 2, 3, 4	2.4 GHz WiFi (IEEE802.11b/g/n)	2.4 GHz WiFi (IEEE802.11b/g/n) 100 m (328 ft) Open Field WiFi Internal Dual Antennae, 2 x 2 MIMO	2.4 GHz WiFi (IEEE802.11b/g/n)	2.4 GHz WiFi (IEEE802.11b/g/n)
MAXIMUM IR DISTANCE	16ft (5m)	16ft (5m)	—	33ft (10m)	98.43FT (30M)	98.43FT (30M)
VIDEO COMPRESSION (MAIN STREAM)	H.264	H.265, H.264	—	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H
MAXIMUM RESOLUTION	2MP (1920 x 1080)	5MP (2560 x 1920)	—	2MP (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)
FRAME RATE	30fps@2MP	15fps@2560 x 1920	—	30fps@2MP	30fps@2304 x 1296	30fps@2304 x 1296
INTEROPERABILITY	CGI	CGI, P2P, SDK, API	—	CGI	ONVIF (Profile T, Profile S, Profile G), CGI, SDK, API	ONVIF (Profile T, Profile S, Profile G), CGI, SDK, API
MOTION DETECTION	Passive Infrared (PIR) Configurable area and distance: Coverage: up to 120° Distance: up to 5.0 m (16.50 ft)	Motion Detection with Human Detection	—	Passive Infrared (PIR) Configurable area and distance: Coverage: up to 270° Distance: up to 10.0 m (32.81 ft)	Motion Detection with Human Detection	Motion Detection with Human Detection
ACTIVE ALARM	—	—	—	Integrated 110 dB Siren and Floodlight (2000 lm, 3000K)	---	---
AUDIO IN/OUT	Built-in Microphone Built-in Speaker	Built-in Microphone Built-in Speaker	Output: Built-in Speaker Multiple Ringtone Options	Built-in Microphone Built-in Speaker with integrated 110dB Siren		Built-in Microphone
MEMORY SLOT	Micro SD, Max 64GB	Micro SD, Max 256GB	—	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ENVIRONMENTAL PROTECTION	IP55	IP65	—	IP65	IP67	IP67
WORKING TEMPERATURE	-4°F to 122°F (-20°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	14°F to 122°F (-10°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	16 VAC to 24 VAC or 12 VDC / 24 VDC < 9 W	12 VDC to 24 VDC or 16 VAC to 24 VAC, 0.8 A < 4.9 W	120 VAC to 240 VAC Wall-mounted Power Plug	100 VAC to 240 VAC < 40 W	12 VDC +30% , Max 4.1 W	12 VDC +30% , Max 4.1 W

NETWORK CAMERAS

	NEW		NEW				
MODEL	DH-IPC-HDW8441X-3D	8A840PANF	5A825GANR	6AE240VNI	6AL445XANR	6C3425XBPV	6CE445XANR
INNOVATIVE FEATURES	UltraSeries Wiz Mind	UltraSeries Wiz Mind	ProSeries Wiz Sense	UltraSeries	UltraSeries Wiz Mind	ProSeries TIOC Wiz Sense	ProSeries Wiz Sense
IMAGE SENSOR	Two (2) 1/2.8-in. 4MP CMOS Sensors	1/2.8-in. 8MP STARVIS™ CMOS	1/1.8-in. 8 MP Progressive-scan CMOS	1/2.8" 2MP CMOS	1/2.8-in. 4MP Progressive-scan CMOS Sensor	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. 4MP STARVIS™ CMOS
LENS	2.8mm, each lens	5.6mm to 223mm (40x Optical Zoom)	5.4 mm to 135.0 mm (25x Optical Zoom)	4.5mm to 180mm (40x Optical Zoom)	3.95mm to 177.7mm (45x Optical Zoom)	4.8 mm–120 mm (25x Optical Zoom)	3.95mm to 177.75mm (45x Optical Zoom)
HORIZONTAL FIELD OF VIEW	95°	63.9° to 2°	61.6° to 3.6°	67.5° to 1.7°	70.3° to 1.8°	55.8° to 2.9°	70.3° to 1.8°
MINIMUM ILLUMINATION	Color: 0.005 lux at F1.6 (30 IRE) B/W: 0.0005 lux at F1.6 (30 IRE) 0 lux (Illuminator on)	Enhanced Starlight Color: 0.005 lux/F1.4 0 lux/F1.4 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.2 0 lux/F1.2 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Basic Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	Auto (ICR), Color, B/W	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)	True WDR (120dB)	True WDR (120 dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	66ft (20m)	1640ft (500m)	492.13ft (150m)	656ft (200m)	1804ft (550m)	Smart Dual Illumination IR: 492ft (150m) White Light: 164ft (50m)	820ft (250m)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264H, H.264M, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)
MAXIMUM RESOLUTION	4MP (2560 x 1440)	8MP (3840 x 2160)	8MP (3840 x 2160)	1080p (1920 x 1080)	1080p (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)
FRAME RATE	30fps@4MP	30fps@8MP	30fps@8MP	60fps@1080p	4MP@30 fps	1–25/30 fps @ 4MP/3MP/1080p/1.3MP/720p	30fps@4MP
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
PAN/TILT/ZOOM	—	300 Presets, Pan: 0° to 360° endless; Tilt: -30° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -15° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -20° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -20° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -20° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -20° to 90°, Auto Flip 180°
PRESET SPEED	—	Pan: 240° /s; Tilt: 120° /s	Pan: 400°/s; Tilt: 300°/s	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 150° /s	Pan: 300° /s; Tilt: 200° /s
INTELLIGENT VIDEO	Analytics+: Active Alarm, Perimeter Protection, People Counting via Line Crossing/Regional, Queue Management, Premium: Motion, Scene Change, Face Detection	Scene Change, Abandoned/Missing Object, Perimeter Protection, Face Detection**, Auto-tracking	Analytics+ (Perimeter Protection) Premium IVS (Motion, Tripwire, Intrusion, Scene Change, Abandoned/Missing Object, Auto-tracking)	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object, Face Detection**, Heat Map, Auto-tracking	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object, Face Detection**, Heat Map, Auto-tracking	Analytics+ (Perimeter Protection, Face Detection, Smart Motion Detection+), Premium IVS (Motion, Scene Change, Abandoned/Missing Object, Auto-track)	Analytics+ (Perimeter Protection) Premium IVS (Motion, Tripwire, Intrusion, Scene Change, Abandoned/Missing Object, Auto-tracking)
COMPATIBILITY	ONVIF (Profile S/Profile G/Profile T), CGI, P2P, SDK, API	ONVIF (Profile S, G, T), CGI	ONVIF (Profile S, G, T)	ONVIF, PSIA, CGI	ONVIF, PSIA, CGI	ONVIF (Profile S&G&T)	ONVIF (Profile S and G), API
AUDIO IN/OUT	2/1, Built-in Microphone	1/1	1/1	1/1	1/1	1/1	1/1
MEMORY SLOT	Micro SD, Max 512GB	Micro SD, Max 128GB	Micro SD, Max 512GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	2/2	7/2	2/1	7/2	7/2	2/1	7/2
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67, IK10	IP67, IK10	IP67	IP66	IP67, IK10
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
POWER	12 VDC, 1 A or PoE (802.3af, Class 0) <12 W	36 VDC, 2.23A ±25% or Hi-PoE Max 30 W, 48 W with IR on	24 VDC/2.5 A ± 25% or PoE+ (802.3at, Class 4) 12 W, 21 W with IR on	24 VAC, 3A (25% or Hi-PoE Max 24 W, 38 W with IR on	24 VAC, 3A ±25% or Hi-PoE Max 24 W, 38 W with IR on	24 VDC, 2.5 A (± 25%) (Included) PoE+ (802.3at) Max 23 W	24 VAC, 3A ±10% or PoE+ (802.3at, Class 4) 13 W, 26 W with IR and heater on

NETWORK CAMERAS



MODEL	5A445XANR	59232XANR	49425XBNR	40212TNI	50432XANR	50232XANR
INNOVATIVE FEATURES	ProSeries Wiz Sense	ProSeries Wiz Sense	ProSeries Wiz Sense	LiteSeries	ProSeries Wiz Sense	ProSeries
IMAGE SENSOR	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 4MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
LENS	3.95mm to 177.7mm (45x Optical Zoom)	4.9mm to 156mm (32x Optical Zoom)	4.8mm to 120mm (25x Optical Zoom)	5.3mm to 64mm (12x Optical Zoom)	4.9mm to 156mm (32x Optical Zoom)	4.9mm to 156mm (32x Optical Zoom)
HORIZONTAL FIELD OF VIEW	70.3° to 1.8°	68.3° to 2.2°	60.0° to 2.5°	58.2° to 4.8°	61.6° to 2.1°	62.8° to 2.2°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 B/W: 0.0005 lux/F1.6	Enhanced Starlight Color: 0.005 lux/F1.35	Enhanced Starlight Color: 0.005 lux/F1.35
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	492ft (150m)	492ft (150m)	328ft (100m)	—	—	—
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG (sub stream only)	H.265, H.264	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264M, H.264H, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264M, H.264H, MJPEG (sub stream only)
MAXIMUM RESOLUTION	4MP (2560 x 1440)	1080p (1920 x 1080)	4MP (2560 x 1440)	1080p (1920 x 1080)	4MP (2560 x 1440)	1080p (1920 x 1080)
FRAME RATE	30fps@ 4MP, 3MP	30fps@1080p	30fps@ 4MP	30fps@1080p	30fps@4MP	60fps@1080p
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
PAN/TILT/ZOOM	300 Presets, Pan: 0° to 360° endless; Tilt: -15° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -15° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -15° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -2° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: 0° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: -15° to 90°, Auto Flip 180°
PRESET SPEED	Pan: 400° /s; Tilt: 300° /s	Pan: 400° /s; Tilt: 300° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 300° /s; Tilt: 200° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s; Tilt: 500° /s
INTELLIGENT VIDEO	Analytics+ (Perimeter Protection, Alarm Track, Smart Motion Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)	Analytics+ (Perimeter Protection, Smart Motion Detection, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)	Analytics+ (Perimeter Protection, Smart Motion Detection, Face Detection) Premium IVS (Motion, Abandoned/Missing Object)	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection**	Analytics+ (Perimeter Protection, Smart Motion Detection+, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)	Analytics+ (Perimeter Protection, Smart Motion Detection, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)
COMPATIBILITY	ONVIF Profile S and G, CGI	ONVIF Profile S and G, CGI	ONVIF Profile S and G, CGI	ONVIF, PSIA, CGI	ONVIF Profile S, G, T, CGI	ONVIF Profile S, G, T, CGI
AUDIO IN/OUT	1/1	1/1	1/1	1/1	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256G	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	2/1	2/1	2/1	2/1	2/1	2/1
ENVIRONMENTAL PROTECTION	IP67, IK10	IP66	IP66	IP66, IK10	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	24 VAC, 3 A ± 25% or PoE+ (802.3at, Class 4) 13 W, 23 W with IR on	24 VAC, 3 A ± 25% or PoE+ (802.3at, Class 4) 13 W, 24 W with IR on	12 VDC or PoE+ (802.3at, Class 4) 13 W, 21 W with IR on	24 VAC, 1.5A or PoE+ (802.3at Class 4) 12 W, 22 W with heater on	24 VDC, 2.5 A or PoE+ (802.3at, Class 4) 10 W, 16 W with IR on	24 VAC, 3 A ± 25% or PoE+ (802.3at, Class 4) 13 W, 24 W with IR on

NETWORK CAMERAS



MODEL	52C432XANR	52C232XANR	42212TNI	22204UENI	1A404XBNR	42C212TNI
INNOVATIVE FEATURES	ProSeries WIZ Sense	ProSeries WIZ Sense	ProSeries	LiteSeries	LiteSeries WIZ Sense	LiteSeries
IMAGE SENSOR	1/2.8" 4MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 4MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
LENS	4.9mm to 156mm (32x Optical Zoom)	4.9mm to 156mm (32x Optical Zoom)	5.3mm to 64mm (12x Optical Zoom)	2.7mm to 11mm (4x Optical Zoom)	2.8mm to 12mm (4x Optical Zoom)	5.3mm to 64mm (12x Optical Zoom)
HORIZONTAL FIELD OF VIEW	61.6° to 2.1°	62.8° to 2.2°	58.2° to 4.8°	112.5° to 30°	96.9° to 31.6°	58.2° to 4.8°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.35	Enhanced Starlight Color: 0.005 lux/F1.35	Enhanced Starlight Color: 0.005 lux/F1.6 B/W: 0.0005 lux/F1.6	Enhanced Starlight Color: 0.005 lux/F1.6 B/W: 0.0005 lux/F1.6	Enhanced Starlight Color: 0.005 lux/F1.8 0 lux/F1.8 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 B/W: 0.0005 lux/F1.6
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	—	—	—	—	49ft (15m)	—
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264M, H.264H, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264M, H.264H, MJPEG (sub stream only)	H.265, H.264	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264B, H.264M, H.264H, MJPEG (sub stream only)	H.265, H.264
MAXIMUM RESOLUTION	4MP (2560 x 1440)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)	4MP (2560 x 1440)	1080p (1920 x 1080)
FRAME RATE	30fps@4MP	60fps@1080p	30fps@1080p	30fps@1080p	30fps@4MP	30fps@1080p
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
PAN/TILT/ZOOM	300 Presets, Pan: 0° to 360° endless; Tilt: 0° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° endless; Tilt: 0° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 360° Endless, Tilt: -2° to 90°, Auto Flip 180°	300 Presets, Pan: 0° to 355° Tilt: 0° to 90°	300 Presets, Pan: 0° to 355° Tilt: 5° to 90°	300 Presets, Pan: 0° to 360° Endless, Tilt: -2° to 90°, Auto Flip 180°
PRESET SPEED	Pan: 500° /s; Tilt: 500° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 300° /s; Tilt: 200° /s	Pan: 100° /s; Tilt: 60° /s	Pan: 80° /s; Tilt: 40° /s	Pan: 300° /s; Tilt: 120° /s
INTELLIGENT VIDEO	Analytics+ (Perimeter Protection, Smart Motion Detection+, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)	Analytics+ (Perimeter Protection, Smart Motion Detection, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection**	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection**	Analytics+ (Perimeter Protection, People Counting, Smart Motion Detection, Face Detection) Premium IVS (Scene Change, Abandoned/Missing Object)	Motion, Tripwire, Intrusion, Scene Change, Abandoned/Missing Object Detection
COMPATIBILITY	ONVIF Profile S, G, T; CGI	ONVIF Profile S, G, T; CGI	ONVIF, PSIA, CGI	ONVIF, PSIA, CGI	ONVIF, CGI	ONVIF, PSIA, CGI
AUDIO IN/OUT	1/1	1/1	1/1	—	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 128GB
ALARM IN/OUT	2/1	2/1	2/1	—	—	2/1
ENVIRONMENTAL PROTECTION	IP67, IK10	IK10	IP66, IK10	IP66, IK10	IP66, IK08	IK10
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
POWER	24 VDC, 2.5 A or PoE+ (802.3at, Class 4) 10 W, 16 W with IR on	24 VDC, 2.5 A or PoE+ (802.3at, Class 4) 10 W	24 VAC, 1.5A or PoE+ (802.3at, Class 4) 12 W	12 VDC, 1.5A, PoE (802.3af, Class 0) 5.5 W	12 VDC, 1.5 A ±15% or PoE (802.3af, Class 0) 8.5 W with IR on	24 VAC, 1.5A or PoE+ (802.3at, Class 4) 12 W

NETWORK CAMERAS



MODEL	DH-TPC-BF3221	DH-TPC-BF5421	DHI-TPC-DF1241-S2 Series	DHI-TPC-BF1241-S2 Series	DHI-TPC-DF1241-T-S2 Series	DHI-TPC-BF1241-T-S2 Series
INNOVATIVE FEATURES	Thermal ProSeries	Thermal ProSeries	Thermal LiteSeries EVX	Thermal LiteSeries EVX	Thermal LiteSeries	Thermal LiteSeries EVX
SENSOR	Thermal: 256 x 192 VOx Uncooled Visible: 1/2.8-in. 2MP CMOS	Thermal: 400 x 300 VOx Uncooled Visible: 1/2.8-in 2MP CMOS	Thermal: 256 x 192 VOx Uncooled Visible-light: 1/2.7-in. 4MP CMOS	Thermal: 256 x 192 VOx Uncooled Visible-light: 1/2.7-in. 4MP CMOS	Thermal: 256 x 192 VOx Uncooled Visible-light: 1/2.7-in. 4MP CMOS	Thermal: 256 x 192 VOx Uncooled Visible-light: 1/2.7-in. 4MP CMOS
LENS	Thermal: 7mm Fixed Lens Athermalized Visible: 8mm Fixed Lens	Thermal: 13mm Fixed Lens Athermalized Visible: 8mm Fixed Lens	Thermal: 2mm or 7mm, Athermalized Visible-light: 2mm, or 8mm, Fixed	Thermal: 3.5mm or 7mm, Athermalized Visible-light: 4mm or 8mm, Fixed	Thermal: 2mm or 7mm, Athermalized Visible-light: 2mm or 8mm, Fixed	Thermal: 3.5mm or 10mm, Athermalized Visible-light: 4mm or 12mm, Fixed
EFFECTIVE THERMAL DISTANCE, DETECTION	With 7mm Thermal Lens: Human: 958ft (292m) Vehicle: 2552ft (778m)	With 13mm Thermal Lens: Human: 1187ft (382m) Vehicle: 3346ft (1020m)	With 7mm Thermal Lens: Human: 958ft (292m) Vehicle: 2552ft (778m)	With 7mm Thermal Lens: Human: 958ft (292m) Vehicle: 2552ft (778m)	With 7mm Thermal Lens: Human: 958ft (292m) Vehicle: 2552ft (778m)	With 10mm Thermal Lens: Human: 1368ft (417m) Vehicle: 3645ft (1111m)
THERMAL SENSITIVITY (NETD)	≤ 50 mK at f1.0	≤40 mK	< 50 mK	< 50 mK	< 50 mK	< 50 mK
PIXEL SIZE, THERMAL	12 μm	17 μm	12 μm	12 μm	12 μm	12 μm
SPECTRAL RANGE, THERMAL	8 μm to 14 μm	8 μm to 14 μm	8 μm to 14 μm	8 μm to 14 μm	8 μm to 14 μm	8 μm to 14 μm
HORIZONTAL FIELD OF VIEW	Thermal: 24° Visible: 40°	Thermal: 30.0° Visible: 22.60°	Thermal: 87.8° (2mm lens) Visible-light: 94° (2mm lens)	Thermal: 50.6° (3.5mm lens) Visible-light: 71.2° (4mm lens)	Thermal: 87.8° (2mm lens) Visible-light: 94° (2mm lens)	Thermal: 50.6° (3.5mm lens) Visible-light: 71.2° (4mm lens)
TEMPERATURE MEASUREMENT	—	—	—	—	32° F to 1022° F (0° C to 550°) Accuracy: ±2%	32° F to 1022° F (0° C to 550°) Accuracy: ±2%
WIDE DYNAMIC RANGE (WDR)	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
VIDEO COMPRESSION (MAIN STREAM)	H.265, H.264M, H.264H, H.264B, MJPEG (sub-stream only)	H.265, H.264, H.264H, H.264B, MJPEG (sub-stream only)	H.265, H.264M, H.264H, H.264B, MJPEG (sub-stream only)	H.265, H.264M, H.264H, H.264B, MJPEG (sub-stream only)	H.265, H.264M, H.264H, H.264B, MJPEG (sub-stream only)	H.265, H.264M, H.264H, H.264B, MJPEG (sub-stream only)
MAXIMUM RESOLUTION	Thermal: 1280 x 960 Visible: 1080p	Thermal: 1280 x 1024 Visible: 1080p	Thermal: 1280 x 960 Visible-light: 2336 x 1752	Thermal: 1280 x 960 Visible-light: 2336 x 1752	Thermal: 1280 x 960 Visible-light: 2336 x 1752	Thermal: 1280 x 960 Visible-light: 2336 x 1752
FRAME RATE	Thermal: 30fps@1280 x 960 Visible: 30fps@1080p	Thermal: 30fps@1280 x 1024 Visible: 30fps@1080p	Thermal: 30fps@1280 x 960 Visible-light: 30fps@2336 x 1752	Thermal: 30fps@1280 x 960 Visible-light: 30fps@2336 x 1752	Thermal: 30fps@1280 x 960 Visible-light: 30fps@2336 x 1752	Thermal: 30fps@1280 x 960 Visible-light: 30fps@2336 x 1752
MULTI-STREAMING	2 streams per channel	2 streams per channel	2 streams per sensor	2 streams per sensor	2 streams per sensor	2 streams per sensor
INTELLIGENT VIDEO	Tripwire, Intrusion, Excessive Temperature Detection, Cold/Hot Spot Trace, Smoking Detection, Human/Vehicle Classification	Tripwire, Intrusion, Excessive Temperature Detection, Smoking Detection, Human/Vehicle Classification	Abandoned/Missing Object, Cold/Hot Spot Trace, Smoking Detection, Human/Vehicle Classification	Abandoned/Missing Object, Cold/Hot Spot Trace, Smoking Detection, Human/Vehicle Classification	Tripwire, Intrusion, Excessive Temperature Detection, Cold/Hot Spot Trace, Smoking Detection, Human/Vehicle Classification	Tripwire, Intrusion, Excessive Temperature Detection, Cold/Hot Spot Trace, Smoking Detection, Human/Vehicle Classification
COMPATIBILITY	CGI	CGI	ONVIF, CGI	ONVIF, CGI	ONVIF, CGI	ONVIF, CGI
AUDIO IN/OUT	1/1	1/1	1/1	1/1	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	2/2	2/2	1/1	1/1	1/1	1/1
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67	IP67
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-40°F to 158°F (-40°C to 70°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
POWER	12 VDC ±15%, 1.2A, ePoE, or PoE (802.3af, Class 0) Max 12 W	12 VDC ±20%, ePoE, or PoE (802.3af, Class 0) Max <18 W	12 VDC ±20% or PoE (802.3af Class 0) Max 13 W	12 VDC ±20% or PoE (802.3af Class 0) Max < 14 W	12 VDC ±20%, 1.2 A or PoE (802.3af Class 0) Max 13 W	12 VDC ±20%, 1.2 A or PoE (802.3af Class 0) Max 13 W

NETWORK CAMERAS



MODEL	DHI-ASI7213X-T1
INNOVATIVE FEATURES	Safety Temp ProSeries
SENSOR	Two (2) 1/2.8-in. 2MP CMOS Sensors
WIDE DYNAMIC RANGE	True WDR (120dB)
ILLUMINATION	Infrared White Light
DISPLAY	7-in Capacitive Screen
RESOLUTION	600 pixels x 1024 pixels
TEMPERATURE MONITORING AREA	120 pixels x 90 pixels
VISUAL ANGLE	50°
TEMPERATURE MONITORING RANGE	86° F to 122° F (30° C to 50° C)
AMBIENT TEMPERATURE RANGE	60.80° F to 89.60° F (16° C to 32° C)
ACCURACY	0.1° C (0.18° F)
EFFECTIVE DISTANCE	11.81 in. to 70.86 in. (0.30 m to 1.80 m)
NETWORK	One (1) 1000 Mbps Port, RJ-45 One (1) 10/100 Mbps Port, RJ-45
INTERFACE	One (1) RS485 One (1) RS232 One (1) Wiegand
ALARM IN/OUT	2/1
AUDIO IN/OUT	—
INTEROPERABILITY	ONVIF, CGI, SDK Support
WORKING TEMPERATURE	59° F to 89.6° F (+15° C to +32° C)
ENVIRONMENTAL	—
PROTECTION	—
DIMENSIONS	12.30 in. x 5.08 in. x 1.44 in. (.312.50mm x 129.0mm x 36.70mm)
POWER	12 VDC, 2 A ≤ 24 W

The Dahua Thermal Temperature Devices are not FDA-cleared or approved. They should not be solely or primarily used to diagnose or exclude a diagnosis of COVID-19 or any other disease. Elevated skin temperature in the context of use should be confirmed with secondary evaluation methods (e.g., an NCIT or clinical grade contact thermometer). Public health officials, through their experience with the Solution in the particular environment of use, should determine the significance of any fever or elevated temperature based on the skin telethermographic temperature measurement. The Dahua Thermal Temperature Devices should be used to measure only one subject's temperature at a time. Visible thermal patterns are only intended for locating the points from which to extract the thermal measurement.



MODEL	ITC237-PW6M-IRLZF1050-B	ITC215-PW6M-IRLZF-B	ITC431-RW1F-IRL8
INNOVATIVE FEATURES	License Plate Recognition UltraSeries	License Plate Recognition UltraSeries	License Plate Recognition UltraSeries
IMAGE SENSOR	1/1.8-in. 2MP GS CMOS	1/2.8-in. 2MP GS CMOS	1/1.8-in. 4MP CMOS Sensor
LENS	10mm to 50mm, Motorized	3.2mm to 10.5mm, Motorized	10mm to 40mm Motorized Vari-focal Lens
ANGLE OF VIEW	Horizontal: 46.60° to 10.62° Vertical: 40.60° to 9.30° Diagonal: 22.70° to 5.30°	Horizontal: 108.1° to 30.3° Vertical: 56.3° to 17.1° Diagonal: 130.9° to 34.8°	Horizontal: 11.86° to 38.38° Vertical: 6.64° to 21.42° Diagonal: 13.69° to 44.35° *7.50 m (24.61 ft) Note: One lane width is 3.75 m (12.30 ft)*
FOCUS WIDTH RANGE	11.48 ft (3.50 m), approximately one (1) lane	11.48 ft (3.50 m), approximately one (1) lane	
WIDE DYNAMIC RANGE (WDR)	96 dB	96 dB	90db
MAXIMUM IR DISTANCE	82 ft (25 m)	39 ft (12 m)	98.43 ft (30 m)
VIDEO COMPRESSION	H.265, H.264M, H.264H, H.264B, MJPEG	H.265, H.264M, H.264H, H.264B, MJPEG	H.265, H.264M, H.264H, H.264B, MJPEG
MAXIMUM RESOLUTION	1080p	1080p	2688 x 1520
FRAME RATE	30 fps	30 fps	25 fps
INTELLIGENT VIDEO	Vehicle Registration Intelligent Tracking	Vehicle Registration Intelligent Tracking	Vehicle Registration Intelligent Tracking
COMPATIBILITY	ONVIF, CGI	ONVIF, CGI	ONVIF, CGI
AUDIO IN/OUT	1/1	—	N/A
MEMORY SLOT	Micro SD, Max 64GB	Micro SD, Max 64GB	SD, Max 256GB
ALARM IN/OUT	1/2	3/3	3/2
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40° C to +65° C (-40° F to +149° F) 10% to 90% RH (non-condensing)
POWER	12 VDC, 24 VAC, or PoE (802.3af Class 0) < 20 W	12 VDC, 24 VAC, or PoE (802.3af Class 0) < 20 W	12 VDC to 36 VDC or PoE (IEEE802.3af Class 0)
DISTANCE TO LICENSE PLATE	Min./Max.: 8 m to 30 m (26.25 ft to 98.43 ft) Optimal: 4 m to 6 m (13.12 ft to 19.69 ft)	Min./Max.: 3 m to 8 m (9.84 ft to 26.25 ft) Optimal: 4 m to 6 m (13.12 ft to 19.69 ft)	Minimum/Maximum: 8 m to 30 m (26.25 ft to 98.43 ft) Optimal: 4 m to 6 m (13.12 ft to 19.69 ft)
HORIZONTAL/VERTICAL ANGLES	< 30°	< 30°	< 30°
LPR FUNCTIONS	Parking lot entrance management, Search by license plate, Allow/Block List	Parking lot entrance management, Search by license plate, Allow/Block List	Parking lot entrance management, Search by license plate, Allow/Block List

NETWORK CAMERAS







MODEL	N444E42B / NB444E42B	N484E62B / NB484E62B	N564E124S	N588D63S	N568D124S	N488L64A
CAMERAS	4 x N42BJ62 4MP Cameras	6 x N42BJ62 4MP Cameras	12 x N42BJ62 4MP Cameras	6 x N82AL32 4K Cameras	12 x N82AL32 4K Cameras	6 x N81CJ02 8MP Fixed Eyeball Network Cameras
IMAGE SENSOR	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/2.7" 8MP CMOS	1/2.7" 8MP CMOS	1/2.7" 8MP CMOS
MINIMUM ILLUMINATION	Basic Starlight Color: 0.008 lux at F1.6 0 lux (IR on)	Basic Starlight Color: 0.008 lux at F1.6 0 lux (IR on)	Basic Starlight Color: 0.008 lux at F1.6 0 lux (IR on)	Basic Starlight Color: 0.008 lux at F2.0 0 lux (IR on)	Basic Starlight Color: 0.009 lux at F2.0 0 lux (IR on)	Color: 0.04 lux/F2.0 0 lux (Illuminator On)
LENS	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm	2.8 mm
HORIZONTAL FIELD OF VIEW	102°	102°	102°	106°	106°	105°
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	Auto (ICR), Color, B/W
MAXIMUM IR DISTANCE	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	DWDR
FRAME RATE	20fps@2688 x 1520	20fps@2688 x 1520	20fps@2688 x 1520	15fps@3840 x 2160	15fps@3840 x 2160	1 to 15 fps@ 3840 x 2160
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG (sub stream only)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG
ENVIRONMENTAL	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67
WIFI	—	—	—	—	—	—
POWER	12 VDC or PoE (802.3af, Class 0) < 6.6 W	12 VDC or PoE (802.3af, Class 0) < 6.6 W	12 VDC or PoE (802.3af Class 0) < 6.6 W	12 VDC or PoE (802.3af, Class 0) < 6.2 W	12 VDC or PoE (802.3af, Class 0) < 6.2 W	12 VDC or PoE (802.3af) Max: 4.6 W
NETWORK VIDEO RECORDER	N41B1P2	N41C2P2	N52B3P4	N52B2P3	N52B3P4	N42C2P4
VIDEO COMPRESSION	H.265, H.264	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
IP VIDEO INPUTS	4CH up to 8MP	8CH up to 8MP	16CH up to 12MP	8CH up to 8MP	16CH up to 8MP	8CH Up to 8MP
MAX INPUT/RECORD	80Mbps / 80Mbps	80Mbps / 80Mbps	320Mbps / 320Mbps	320Mbps / 320Mbps	320Mbps / 320Mbps	160 Mbps
DISPLAY	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
MAX HDD	1 HDD Up to 6TB ships with a pre-installed 2TB HDD	1 HDD Up to 10TB ships with a pre-installed 2TB HDD	2 HDD Up to 10TB each ships with a pre-installed 4TB HDD	2 HDD Up to 10TB each ships with a pre-installed 3TB HD	2 HDD Up to 10TB each ships with a pre-installed 4TB HD	Two (2) SATA III Ports, Up to 10 TB capacity per HDD Ships with a pre-installed 4TB HD
ETHERNET	One (1) RJ45 (10/100 Mbps) Port	One (1) RJ45 (10/100 Mbps) Port	One (1) RJ45 (10/100/1000 Mbps) Port	One (1) RJ45 (10/100 Mbps) Port	One (1) RJ45 (10/100 Mbps) Port	One (1) RJ-45 Port (10/100/1000 Mbps), Self-adaptive
POE	Four (4) Ports (IEEE 802.3af/at)	Eight (8) Ports (IEEE 802.3af/at)	16 Ports (IEEE 802.3af/at)	Eight (8) Ports (IEEE 802.3af/at)	16 Ports (IEEE 802.3af/at)	Eight (8) Ports (IEEE802.3af/at)
POWER	48 VDC, 1.5 A 50 W total PoE (25.5 W single port)	53 VDC, 1.36 A 72 W total PoE (25.5 W single port)	100 VAC to 240 VAC, 50/60 Hz 130 W total PoE (25.5 W single port)	100 VAC to 240 VAC, 50/60 Hz 130 W total PoE (25.5 W single port)	100 VAC to 240 VAC, 50/60 Hz 130 W total PoE (25.5 W single port)	100 VAC to 240 VAC, 47 Hz to 63 Hz, 3.5 A (25.5 W single port, 117 W total)

NETWORK CAMERAS



MODEL	N468L124A
CAMERAS	12 x N81CJ02 8MP Fixed Eyeball Network Cameras
IMAGE SENSOR	1/2.7" 8MP CMOS
MINIMUM ILLUMINATION	Color: 0.04 lux/F2.0 0 lux (Illuminator On)
LENS	2.8 mm
HORIZONTAL FIELD OF VIEW	105°
DAY/NIGHT	Auto (ICR), Color, B/W
MAXIMUM IR DISTANCE	98 ft (30 m)
WIDE DYNAMIC RANGE (WDR)	DWDR
FRAME RATE	1 to 15 fps@ 3840 x 2160
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG
ENVIRONMENTAL	IP67
WIFI	—
POWER	12 VDC or PoE (802.3af) Max: 4.6 W
NETWORK VIDEO RECORDER	N42C3P4
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
IP VIDEO INPUTS	16CH Up to 8MP
MAX INPUT/RECORD	160 Mbps
DISPLAY	1 HDMI, 1 VGA
MAX HDD	Two (2) SATA III Ports, Up to 10 TB capacity per HDD Ships with a pre-installed 4TB HD
ETHERNET	One (1) RJ-45 Port (10/100/1000 Mbps), Self-adaptive
POE	Sixteen (16) Ports (IEEE802.3af/at)
POWER	100 VAC to 240 VAC, 47 Hz to 63 Hz, 3.5 A (25.5 W single port, 117 W total)

				
MODEL	N82A3P	DHI-NVR5216-16P-I 4TB	DHI-IVSS7016DR-2I	DHI-IVSS7016DR
INNOVATIVE FEATURES	ProSeries WizMind	ProSeries WizMind	UltraSeries WizMind	UltraSeries
KEY FEATURES	4K ePoE/EoC NVR, WizMind, Face Detection**, People Counting, Heat Map, Smart Motion Detection+	4K NVR, Perimeter Protection, Face Detection**, ePoE, People Counting, Heat Map	4K IVSS, Perimeter Protection, Face Detection**, LPR, Additional IVSS Module available to expand capability	4K IVSS, RAID, Compatible with Dahua Analytics+ Cameras
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265 Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264
IP VIDEO INPUTS	16 CH Up to 24MP	16 CH Up to 8MP	256 CH Up to 12MP	256 CH Up to 24MP
MAX INPUT/RECORD	320 Mbps/320 Mbps	320Mbps / 320Mbps	512Mbps / 384Mbps	768Mbps / 768Mbps
DISPLAY	1 HDMI, 1 VGA	1 HDMI, 1 VGA	3 HDMI, 1 VGA	3 HDMI, 1 VGA
MAX HDD	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 8TB each disk 16TB max	16 SAS/SATA Ports, up to 10TB each disk	16 SAS/SATA Ports, up to 16TB each disk
RAID	—	—	0/1/5/6/10	0/1/5/6/10/50/60
ESATA/MINI SAS	—	—	1/-	1/-
AUDIO IN/OUT	1/1, 2-way	1/1, 2-way	1/1	1/1
ALARM IN/OUT	2-Apr	4/1	16/8	16/8
ETHERNET	1 Gigabit Port	1 Gigabit Port	4 Gigabit Ports	4 Gigabit Ports
POE	16 Ports (IEEE802.3af/at), 130W total Ports 1 to 8 for ePoE and EoC	16 PoE Ports (IEEE802.3af/at) (ePoE: Ports 1 to 8)	—	—
USB	1 USB 3.0, 1 USB 2.0	1 USB 3.0, 1 USB 2.0	2 USB 3.0, 2 USB 2.0	2 USB 3.0, 2 USB 2.0
POWER	100 VAC to 240 VAC, 50/60 Hz <15.6 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz < 16.5 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz < 110 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz < 110 W (without HDD)

NETWORK VIDEO RECORDERS



MODEL	N98A5N	N98A6N	N98A7N	N52B5P	N54B5N	N54A4P
INNOVATIVE FEATURES	Wiz Mind	Wiz Mind	Wiz Mind	ProSeries ePoE Technology	ProSeries	ProSeries
KEY FEATURES	8K NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, N+M	8K NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, N+M	8K NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, N+M	4K ePoE/EoC NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, ALPC, ANR, Plug and Play	4K NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, ANR, N+M, Plug and Play	4K PoE NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, ANR, N+M, Plug and Play
VIDEO COMPRESSION	Smart H.265+, H.265; Smart H.264+, H.264; MPEG4; MJPEG	Smart H.265+, H.265; Smart H.264+, H.264; MPEG4; MJPEG	Smart H.265+, H.265; Smart H.264+, H.264; MPEG4; MJPEG	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
IP VIDEO INPUTS	32 CH Up to 32MP	64 CH Up to 32MP	128 CH Up to 32MP	32CH Up to 12MP	32CH Up to 12MP	24CH Up to 12MP
MAX INPUT/RECORD	1024Mbps / 1024Mbps	1024Mbps / 1024Mbps	1024Mbps / 1024Mbps	320Mbps / 320Mbps	320Mbps / 320Mbps	320Mbps / 320Mbps
DISPLAY	4 HDMI, 2 VGA	4 HDMI, 2 VGA	4 HDMI, 2 VGA	1 HDMI, 1 VGA	2 HDMI, 2 VGA	2 HDMI, 1 VGA
MAX HDD	8 SATA Ports, up to 16TB each disk 128TB max	8 SATA Ports, up to 16TB each disk 128TB max	8 SATA Ports, up to 16TB each disk 128TB max	2 SATA Ports, up to 10TB each disk 20TB max	4 SATA Ports, up to 10TB each disk 40TB max	4 SATA Ports, up to 10TB each disk 40TB max
RAID	0/1/5/6/10	0/1/5/6/10	0/1/5/6/10	—	—	—
ESATA/MINI SAS	1/-	1/-	1/-	—	1/-	1/-
AUDIO IN/OUT	1/2	1/2	1/2	1/1	1/1, 2-way	1/1, 2-way
ALARM IN/OUT	16/8	16/8	16/8	4/2	16/6	16/6
ETHERNET	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port	2 Gigabit Ports	1 Gigabit Port
POE	—	—	—	16 Ports (IEEE802.3af/at), 130W total Ports 1 to 8 for ePoE and EoC	—	24 Ports (IEEE802.3at) 220 W total
USB	4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)	4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)	4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)	1 USB 3.0, 1 USB 2.0	2 USB 3.0, 1 USB 2.0	2 USB 3.0, 1 USB 2.0
POWER	100-240 VAC, 50/60 Hz <18 W (without HDD)	100-240 VAC, 50/60 Hz <18 W (without HDD)	100-240 VAC, 50/60 Hz <18 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz <15.2 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz <16.7 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz <18 W (without HDD)

NETWORK VIDEO RECORDERS



MODEL	N52A4P	N52B3P	N54B3P	N52B2P	N42C3P	N42C2P
INNOVATIVE FEATURES	ProSeries	ProSeries ePoE Technology	ProSeries ePoE Technology	ProSeries ePoE Technology	LiteSeries	LiteSeries
KEY FEATURES	4K PoE NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, ANR, N+M, Plug and Play	4K ePoE/EoC NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, POS, ALPC, Plug and Play	4K ePoE/EoC NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, POS, ALPC, ANR, Plug and Play	4K ePoE/EoC NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, POS, ALPC, Plug and Play	4K, Support for Face Detection** , Perimeter Protection, and SMD+	4K, Support for Face Detection** , Perimeter Protection, and SMD+
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG		Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
IP VIDEO INPUTS	24CH Up to 12MP	16CH Up to 12MP	16CH Up to 12MP	8CH Up to 12MP	16CH Up to 8MP	8CH Up to 8MP
MAX INPUT/RECORD	320Mbps / 320Mbps	320Mbps / 320Mbps	320Mbps / 320Mbps	320Mbps / 320Mbps	160Mbps / 160Mbps	160Mbps / 160Mbps
DISPLAY	1 HDMI, 1 VGA	1 HDMI, 1 VGA	2 HDMI, 2 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
MAX HDD	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max	4 SATA Ports, up to 10TB each disk 40TB max	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max
RAID	—	—	—	—	—	—
ESATA/MINI SAS	—	—	1/-	—	—	—
AUDIO IN/OUT	1/1, 2-way	1/1, 2-way	1/2, 2-way	1/1	1/1	1/1
ALARM IN/OUT	4/2	4/2	16/6	4/2	4/2	4/2
ETHERNET	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
POE	24 Ports (IEEE802.3at) 220 W total	16 Ports (IEEE802.3af/at), 150W total Ports 1 to 8 for ePoE and EoC	16 Ports (IEEE802.3af/at) 130 W total Ports 1 to 8 for ePoE and EoC	8 Ports (IEEE802.3af/at) 130 W total, Ports 1 to 8 for ePoE and EoC	16 Ports (IEEE802.3af) 117 W total	8 Ports (IEEE802.3af) 117 W total
USB	1 USB 3.0, 1 USB 2.0	1 USB 3.0, 1 USB 2.0	2 USB 3.0, 1 USB 2.0	1 USB 3.0, 1 USB 2.0	2 USB 2.0	2 USB 2.0
POWER	100 VAC to 240 VAC, 50/60 Hz <16 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz <15.2 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz <17.5 W (without HDD)	100 VAC to 240 VAC, 50/60 Hz <15.2 W (without HDD)	100 VAC to 240 VAC, 47 to 63 Hz <10 W (without HDD)	100 VAC to 240 VAC, 47 to 63 Hz <10 W (without HDD)

NETWORK VIDEO RECORDERS



MODEL	N42C1P	N41C1P	N41C2P
INNOVATIVE FEATURES	LiteSeries	LiteSeries	LiteSeries
KEY FEATURES	4K, Support for Face Detection** , Perimeter Protection, and SMD+	4K, Support for Face Detection** , Perimeter Protection, and SMD+	4K, Support for Face Detection** , Perimeter Protection, and SMD+
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG
IP VIDEO INPUTS	4CH Up to 8MP	4CH Up to 8MP	8CH Up to 8MP
MAX INPUT/RECORD	160Mbps / 160Mbps	80Mbps / 80Mbps	80Mbps / 80Mbps
DISPLAY	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
MAX HDD	2 SATA Ports, up to 10TB each disk 20TB max	1 SATA Port, up to 10TB	1 SATA Port, up to 10TB
RAID	—	—	—
ESATA/MINI SAS	—	—	—
AUDIO IN/OUT	1/1	1/1	1/1
ALARM IN/OUT	4/2	—	—
ETHERNET	1 Gigabit Port	1 10/100 Mbps Port	1 10/100 Mbps Port
POE	4 Ports (IEEE802.3af) 36 W total	4 Ports (IEEE802.3af) 36 W total	8 Ports (IEEE802.3af) 72 W total
USB	2 USB 2.0	2 USB 2.0	2 USB 2.0
POWER	48 VDC or 53 VDC, 1.5 A or 1.36 A <10 W (without HDD)	48 VDC or 53 VDC, 1.25 A or 1.13 A <10 W (without HDD)	48 VDC or 53 VDC, 2 A or 1.8 A <10 W (without HDD)

HDCVI CAMERAS









MODEL	A82AF5V	A82AF53	A52CF6Z	A52BFAZ	A52CF62	A52BB62
INNOVATIVE FEATURES	ProSeries	ProSeries	LiteSeries	ProSeries	LiteSeries	ProSeries
IMAGE SENSOR	1/1.8" 4K (8MP) CMOS	1/1.8" 4K (8MP) CMOS	5MP CMOS 16:9 Aspect Ratio	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1.27" 5MP CMOS 16:9 Aspect Ratio	1/2.7 5MP CMOS 16:9 Aspect Ratio
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.001 lux/F1.0 (with white light LED)	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.001 lux/F1.0 (with white light LED)	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)
LENS	3.7mm to 11mm, Motorized	3.6mm	2.7mm to 13.5mm, Motorized	2.7mm to 13.5mm, Motorized	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	112° to 46°	87°	112° to 35°	113° to 31.4°	112°	111°
DAY/NIGHT	True Day/Night	True Day/Night	Color (default)	True Day/Night	Color (default)	True Day/Night
MAXIMUM IR DISTANCE	262ft (80m)	262ft (80m)	Enhanced Night Color White-light: 196.9ft (60m)	262ft (80m)	Enhanced Night Color White-light: 65ft (20m)	131ft (40m)
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)
NOISE REDUCTION	2D/3D	2D/3D	3D	3D	3D	2D/3D
FRAME RATE	15fps@4K (8MP)	15fps@4K (8MP)	25fps@5MP	25fps@5MP	25fps@5MP	25fps@5MP
VIDEO OUTPUT	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable
AUDIO IN/OUT	1 Channel In plus a Built-in Microphone	1 Channel In plus a Built-in Microphone	1 Channel In plus a Built-in Microphone	Built-in Microphone	Built-in Microphone	Built-in Microphone
ALARM IN/OUT	—	—	—	—	—	—
INSTALLATION ANGLE	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67	IP67
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	24 VAC ±30% or 12 VDC ±30% Max 15W (12 VDC, IR on)	12 VDC ±30% Max 11.3W (12 VDC, IR on)	24 VAC ±25% or 12 VDC ±10% Max 14.92 W (12 VDC, IR on)	24 VAC ±25% or 12 VDC ±10% Max 12.5 W (12 VDC, IR on)	12 VDC ± 30% Max 4.4 W (12 VDC, IR on)	12 VDC ± 30% Max 5.9 W (12 VDC, IR on)

HDCVI CAMERAS



MODEL	A22DFAZ	DH-HAC-HFW32A1EN-Z	A22DF63	A82AM5V	A82AM52	A52BMAZ-B
INNOVATIVE FEATURES	LiteSeries	UltraSeries	LiteSeries	ProSeries	ProSeries	ProSeries
IMAGE SENSOR	1/2.8 2MP CMOS	1/2.8" 2MP CMOS	1/2.8 2MP CMOS	1/1.8" 4K (8MP) CMOS	1/1.8" 4K (8MP) CMOS	1/2.8" 5MP STARVIS™ CMOS
MINIMUM ILLUMINATION	Starlight+ Color: 0.001 lux/F1.5 0 lux/F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.4 0 lux (IR on)	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.3 0 lux/F1.3 (IR on)
LENS	2.7mm to 13.5mm, Motorized Lens	2.7mm to 12mm, Motorized, Auto Iris	3.6mm	3.7mm to 11mm, Motorized	2.8mm	2.7mm to 13.5mm, Motorized
HORIZONTAL FIELD OF VIEW	108° to 30°	95° to 36°	86°	112° to 46°	110.8°	102° to 29°
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night
MAXIMUM IR DISTANCE	197ft (60m)	328ft (100m)	262ft (80m)	98ft (30m)	98ft (30m)	98ft (30m)
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)
NOISE REDUCTION	3D	2D/3D	3D	2D/3D	2D/3D	2D/3D
FRAME RATE	30fps@1080p	30fps@1080p 30/60fps@720p	30fps@1080p	15fps@4K (8MP)	15fps@4K (8MP)	20fps@5MP
VIDEO OUTPUT	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	HD/SD Dual-output, SD Tester-out	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable	One (1) HDCVI High-definition Channel or One (1) CVBS Channel, switchable
AUDIO IN/OUT	Built-in Microphone	1 Channel In	Built-in Microphone	1 Channel In	1 Channel In	1 Channel In
ALARM IN/OUT	—	1/1	—	—	—	—
INSTALLATION ANGLE	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 355° Tilt: 0° to 75° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 75° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 75° Rotation: 0° to 355°
ENVIRONMENTAL PROTECTION	IP67	IP67, IK10	IP67	IP67, IK10	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
POWER	24 VAC ± 25% or 12 VDC ± 30% Max 12.5W (12 VDC, IR on)	24 VAC ± 25% or 12 VDC ± 25% Max 16.6 W	12 VDC ± 30% Max 7.7W (12 VDC, IR on)	24 VAC ± 30% or 12 VDC ± 30% Max 8.4 W (12 VDC, IR on)	12 VDC ± 30% Max 7W (12 VDC, IR on)	24 VAC ± 30% or 12 VDC ± 30% Max 11.8 W (12 VDC, IR on)

HDCVI CAMERAS

						
MODEL	A52BMAZ	A52BL62	A22DMAZ	A22DL62	A82CJN2	A82AH5V
INNOVATIVE FEATURES	ProSeries	ProSeries	LiteSeries	LiteSeries	ProSeries	ProSeries
IMAGE SENSOR	1/2.8" 5MP STARVIS™ CMOS	1/2.8" 5MP STARVIS™ CMOS	1/2.8 2MP CMOS	1/2.8 2MP CMOS	1/2.8 2MP CMOS	1/1.8" 4K (8MP) CMOS
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.3 0 lux/F1.3 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Starlight+ Color: 0.001 lux/F1.5 0 lux/F1.5 (IR on)	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.001 Lux/F1.0 0 lux (White Light on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)
LENS	2.7mm to 13.5mm, Motorized	2.8mm	2.7mm to 13.5mm, Motorized Lens	3.6mm	2.8mm	3.7mm to 11mm, Motorized
HORIZONTAL FIELD OF VIEW	102° to 29°	98°	108° to 30°	86°	106°	112° to 46°
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night	—	True Day/Night
MAXIMUM IR DISTANCE	98ft (30m)	98ft (30m)	197ft (60m)	131ft (40m)	Enhanced Night Color White-light: 131ft (40m)	197ft (60m)
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language	—	Multi-language
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	WDR	True WDR (120dB)
NOISE REDUCTION	2D/3D	2D/3D	3D	3D	3D	2D/3D
FRAME RATE	20fps@5MP	20fps@5MP	30fps@1080p	30fps@1080p	30 fps@ 4MP (2560 x 1440)	15fps@4K (8MP)
VIDEO OUTPUT	One (1) HDCVI High-definition Channel or One (1) CVBS Channel, switchable	One (1) HDCVI High-definition Channel or One (1) CVBS Channel, switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC, Transmits HDCVI High- definition signal or CVBS, AHD or TVI Channel, DIP Switch	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable
AUDIO IN/OUT	1 Channel In	1 Channel In	Built-in Microphone	Built-in Microphone	Built-in Microphone	1 Channel In plus a Built-in Microphone
ALARM IN/OUT	—	—	—	—	—	—
INSTALLATION ANGLE	Pan: 0° to 355° Tilt: 0° to 75° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 65° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 80° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 65° Rotation: 0° to 355°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
POWER	24 VAC ±30% or 12 VDC ±30% Max 11.8 W (12 VDC, IR on)	12 VDC ±30% Max 5.3 W (12 VDC, IR on)	24 VAC ± 25% or 12 VDC ± 30% Max 9.9W (12 VDC, IR on)	12 VDC ± 30% Max 3.1W (12 VDC, IR on)	12VDC ±30% Ma 6.9 W	24 VAC ±30% or 12 VDC ±30% Max 12 W (12 VDC, IR on)

HDCVI CAMERAS



MODEL	A81AJ22	A82AG52	A52CJ6Z	A52BJAZ	A52CJ62	A52CJC2
INNOVATIVE FEATURES	LiteSeries	ProSeries	LiteSeries	ProSeries	LiteSeries	ProSeries TIOC
IMAGE SENSOR	1/2.7" 4K (8MP) CMOS	1/1.8" 4K (8MP) CMOS	5MP CMOS 16:9 Aspect Ratio	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1.27" 5MP CMOS 16:9 Aspect Ratio	1.27" 5MP CMOS 16:9 Aspect Ratio
MINIMUM ILLUMINATION	Color: 0.03 lux/F2.0 0 lux/2.0 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)	Color: 0.001 lux/F1.0 (with white light LED)	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.001 lux/F1.0 (with white light LED)	Enhanced Starlight Color: 0.001 lux/F1.0 (30 IRE) 0 lux/F1.0 (with illuminators on)
LENS	2.8mm	2.8mm	2.7mm to 13.5mm, Motorized	2.7mm to 13.5mm, Motorized	2.8mm	2.8 mm
HORIZONTAL FIELD OF VIEW	105°	87°	112° to 35°	113° to 31.4°	112°	111°
DAY/NIGHT	True Day/Night	True Day/Night	Color (default)	True Day/Night	Color	Auto (ICR), Color, B/W
MAXIMUM IR DISTANCE	98ft (30m)	164ft (50m)	Enhanced Night Color White-light: 196.9ft (60m)	197ft (60m)	Enhanced Night Color White-light: 131ft (40m)	Smart Dualillumination IR: 131ft (40m) White Light: 131ft (40m)
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	—
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR
NOISE REDUCTION	2D/3D	2D/3D	3D	3D	3D	Advanced 3D
FRAME RATE	15fps@8MP 30fps@4MP	15fps@4K (8MP)	25fps@5MP	25fps@5MP	25fps@5MP	25fps@5MP
VIDEO OUTPUT	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable
AUDIO IN/OUT	—	1 Channel In plus a Built-in Microphone	1 Channel In plus a Built-in Microphone	Built-in Microphone	Built-in Microphone	1 + Built-in Microphone
ALARM IN/OUT	—	—	—	—	—	One (1) Output Channel (300 mA, 12 VDC)
INSTALLATION ANGLE	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 70° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 355° Tilt: 0° to 75° Rotation: 0° to 355°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67	IP67
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC ± 30% Max 5.2 W (12 VDC, IR on)	12 VDC ± 30% Max 8 W (12 VDC, IR on)	24 VAC ±25% or 12 VDC ±10% Max 14.92 W (12 VDC, IR on)	24 VAC ±25% or 12 VDC ±10% Max 9.5 W (12 VDC, IR on)	12 VDC ±30% Max 6.4W (12 VDC, IR on)	12 V ± 30% DC Max 10.5W (12 VDC with illuminator on)

HDCVI CAMERAS

MODEL	A52BJ62	A51BJ02 A51BJ02-B	A22DJAZ	A22CJN2	A22DJ62	A21BJ02
INNOVATIVE FEATURES	ProSeries	LiteSeries	LiteSeries	ProSeries	LiteSeries	LiteSeries
IMAGE SENSOR	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1/2.8 2MP CMOS	1/2.8 2MP CMOS	1/2.8 2MP CMOS	1/2.7" 1080p CMOS
MINIMUM ILLUMINATION	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.01 lux/F1.6 0 lux/F1.6 (IR on)	Starlight+ Color: 0.001 lux/F1.5 0 lux/F1.5 (IR on)	0.0002 lux/F1.0 White-light Illumination	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.02 Lux/F2.0 0 Lux (IR on)
LENS	2.8mm	2.8mm	2.7mm to 13.5mm, Motorized Lens	2.8mm	3.6mm	2.8mm
HORIZONTAL FIELD OF VIEW	111°	111°	108° to 30°	106°	86°	102°
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	Color	True Day/Night	Auto (ICR), Manual
MAXIMUM IR DISTANCE	197ft (60m)	98ft (30m)	197ft (60m)	Enhanced Night Color White-light: 131ft (40m)	197ft (60m)	98ft (30m)
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	DWDR	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	Digital WDR
NOISE REDUCTION	3D	2D	3D	3D	3D	2D
FRAME RATE	25fps@5MP	30fps@5MP	30fps@1080p	30fps@1080p	30fps@1080p	30fps@1080p
VIDEO OUTPUT	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC Output, HDCVI, AHD, TVI, CVBS switchable	One (1) BNC HDCVI High-definition Channel or One (1) BNC CVBS, AHD or TVI Channel, switchable
AUDIO IN/OUT	Built-in Microphone	—	Built-in Microphone	Built-in Microphone	Built-in Microphone	—
ALARM IN/OUT	—	—	—	—	—	—
INSTALLATION ANGLE	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 355° Tilt: 0° to 78° Rotation: 0° to 355°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67	IP67
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-22°F to 140°F (-30°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC ±30% Max 5.9 W (12 VDC, IR on)	12 VDC ±30% Max 3.2 W (12 VDC, IR on)	24 VAC ± 25% or 12 VDC ± 30% Max 12.5W (12 VDC, IR on)	12 VDC ± 30% Max 5.8W (12 VDC, IR on)	12 VDC ± 30% Max 5.1W (12 VDC, IR on)	12 VDC ± 30% Max 2.9W (12 VDC, IR on)

HDCVI CAMERAS



MODEL	DH-HAC-PFW3601N-A180	59232ICLA	49225ICLA	22204ICLB
INNOVATIVE FEATURES	ProSeries	ProSeries	ProSeries	LiteSeries
IMAGE SENSOR	1/2.8" 2MP CMOS per sensor (3 sensors total)	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS Sensor	1/2.7" 2MP CMOS
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.8 0 lux/F1.8 (IR on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux at F1.6 0 lux (IR on)	Color: 0.05 lux/F1.6 B/W: 0.005 lux/F1.6
LENS	3.6mm	4.5mm to 144mm, Motorized (32x Optical Zoom)	4.8mm to 120mm, Motorized (25x Optical Zoom)	2.7mm to 11mm, Motorized (4x Optical Zoom)
HORIZONTAL FIELD OF VIEW	180°	60.14° to 2.75°	61.0° to 2.8°	112.5° to 39°
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night
MAXIMUM IR DISTANCE	66ft (20m)	492ft (150m)	328ft (100m)	—
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)	True WDR (120dB)
NOISE REDUCTION	2D/3D	2D/3D	2D/3D	2D/3D
FRAME RATE	15fps@4096x832 30fps@2560x520	30fps@1080p 60fps@720p	30fps@1080p 60fps@720p	30fps@1080p 30/60fps@720p
VIDEO OUTPUT	One (1) BNC HDCVI Panoramic Output Channel and Three (3) BNC 2MP HDCVI Channels	One (1) Channel, BNC High-definition Video Output (HDCVI, AHD, TVI) or CVBS Standard Definition Video Output (switchable)	One (1) BNC HDCVI High-definition Channel or One (1) BNC CVBS Channel (switchable)	HD/SD Switchable
PAN/TILT/ZOOM	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° endless; Tilt: -15° to 90° Auto flip 180°	Pan: 0° to 360° Endless; Tilt: -15° to 90°	300 Presets, Pan: 0° to 355° Tilt: 0° to 90°
PRESET SPEED	—	Pan: 400° /s Tilt: 300° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 100°/s; Tilt: 60° /s
AUDIO IN/OUT	1/-	1/-	1/-	—
ALARM IN/OUT	2/1	2/1	2/1	—
ENVIRONMENTAL PROTECTION	IP67, IK10	IP66	IP66	IP66, IK10
WORKING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)	-40°F to 1408°F (-40°C to 60°C)	-40°F to 158°F (-40°C to 70°C) Integrated Heater	-22°F to 140°F (-30°C to 60°C)
POWER	12 VDC ±25% Max 22 W	24 VAC ±25%, 2.5A Max 22 W	12 VDC ±10%, 3A Max 23.2 W	12 VDC Max 10 W

HDCVI CAMERAS



MODEL	C542E42B	C845E42A	C885E62A	C865E124A	C888E64A	C868E124A
CAMERA	4 x A21BJ02 2MP Cameras	4 x A51BJ02 5MP Cameras	6 x A51BJ02 5MP Cameras	12 x A51BJ02 5MP Cameras	6 x A81AJ22 4K Cameras	12 x A81AJ22 4K Cameras
IMAGE SENSOR	1/2.7" 1080p CMOS	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1/2.7" 5MP CMOS 16:9 Aspect Ratio	1/2.7" 8MP CMOS	1/2.7" 8MP CMOS
MINIMUM ILLUMINATION	Color: 0.02 Lux/F2.0 0 Lux (IR on)	Color: 0.01 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.01 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.01 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.03 lux/F2.0 0 lux/2.0 (IR on)	Color: 0.03 lux/F2.0 0 lux/2.0 (IR on)
LENS	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	102°	111°	111°	111°	105°	105°
DAY/NIGHT	Auto (ICR), Manual	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night
MAXIMUM IR DISTANCE	98ft (30m)	98ft (30m)	98ft (30m)	98ft (30m)	98ft (30m)	98ft (30m)
WIDE DYNAMIC RANGE (WDR)	Digital WDR	DWDR	DWDR	DWDR	True WDR (120dB)	True WDR (120dB)
FRAME RATE	30fps@1080p	30fps@5MP	30fps@5MP	30fps@5MP	15fps@8MP 30fps@4MP	15fps@8MP 30fps@4MP
AUDIO	—	—	—	—	—	—
ENVIRONMENTAL	IP67	IP67	IP67	IP67	IP67	IP67
POWER	12 VDC ± 30% Max 2.9W (12 VDC, IR on)	12 VDC (±30%) Max 3.2 W (12 VDC, IR on)	12 VDC (±30%) Max 3.2 W (12 VDC, IR on)	12 VDC (±30%) Max 3.2 W (12 VDC, IR on)	12 VDC (±30%) Max 5.2 W (12 VDC, IR on)	12 VDC (±30%) Max 5.2 W (12 VDC, IR on)
HDCVI DIGITAL VIDEO RECORDER	X51C1E2	X81B1E2	X82B2A2	X82B3A4	X82R2A4	X82R3N4
VIDEO COMPRESSION	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264
RECORDING RESOLUTION	5 M-N, 4 M-N, 1080p, 1080N, 720p, 960H, D1, CIF	4K, 6MP, 5MP, 4MP, 1080p, 720p	4K, 6MP, 5MP, 4MP, 1080p, 720p	4K, 6MP, 5MP, 4MP, 1080p, 720p	4K, 6MP, 5MP, 4MP, 1080p, 720p	4K, 6MP, 5MP, 4MP, 1080p, 720p
MAXIMUM RECORD RATE	5 M-N at 10 fps 4 M-N or 1080p at 15 fps 1080N, 720p, 960H, D1, or CIF at 30 fps D1 or CIF at 15 fps	8MP at 7 fps; 6MP at 10 fps, 5MP at 12 fps, 4 K-N, 4MP or 3MP at 15 fps, 4 M-N, 1080p, 720p, 960H, D1, or CIF at 30 fps	8MP at 7 fps 6MP at 10 fps 5MP at 12 fps 4K-N, 4MP, 3MP at 15 fps 4M-N, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 7 fps 6MP at 10 fps 5MP at 12 fps 4K-N, 4MP, 3MP at 15 fps 4M-N, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 15 fps; 6MP at 20fps; 5MP at 25 fps; 4K-N, 4MP, 3MP, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 15 fps; 6MP at 20fps; 5MP at 25 fps; 4K-N, 4MP, 3MP, 1080p, 720p, 960H, D1, CIF at 30 fps
ANALOG INPUT	4CH	4CH	8CH	16CH	8CH	16CH
IP INPUT	4 +2CH Up to 6 MP	4+4CH Up to 8MP	8+8CH Up to 8MP	16+16Up to 8MP	8+8CH Up to 8MP	16+16CH Up to 8MP
MAX INPUT/RECORD	64 Mbps	64Mbps /64Mbps	128Mbps /128Mbps	128Mbps /128Mbps	128Mbps /128Mbps	128Mbps /128Mbps
AUDIO IN/OUT	4/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	1/1, 2-way
MAXIMUM HDD	One (1) SATA Port, 6TB max (Ships with a pre-installed 2 TB HDD)	1 SATA Port, up to 10TB	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max
DISPLAY	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
POWER	12 VDC, 1.5 A < 4 W, without HDD	12 VDC, 2A <7 W (Without HDD)	12 VDC,4A <10 W (Without HDD)	12 VDC, 5A <15 W (Without HDD)	2 USB Ports (1 USB 2.0, 1 USB 3.0)	2 USB Ports (1 USB 2.0, 1 USB 3.0)

HDCVI VIDEO RECORDERS



MODEL	X52B3A Series	X81B1E Series	X82R3N Series	X82R2A Series	X84R3L Series	X82B2A Series
INNOVATIVE FEATURES	ProSeries Wiz Sense	LiteSeries Wiz Sense	ProSeries Wiz Sense	ProSeries Wiz Sense	UltraSeries Wiz Sense	ProSeries Wiz Sense
VIDEO COMPRESSION	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264
AUDIO COMPRESSION	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM
VIDEO STANDARD	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)
MAXIMUM RECORD RATE	5M-N at 10 fps 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, CIF at 30 fps	8MP at 7 fps; 6MP at 10 fps, 5MP at 12 fps, 4 K-N, 4MP or 3MP at 15 fps, 4 M-N, 1080p, 720p, 960H, D1, or CIF at 30 fps	8MP at 15 fps; 6MP at 20fps; 5MP at 25 fps; 4K-N, 4MP, 3MP, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 15 fps; 6MP at 20fps; 5MP at 25 fps; 4K-N, 4MP, 3MP, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 15 fps; 6MP at 20fps; 5MP at 25 fps; 4K-N, 4MP, 3MP, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 7 fps 6MP at 10 fps 5MP at 12 fps 4K-N, 4MP, 3MP at 15 fps 4M-N, 1080p, 720p, 960H, D1, CIF at 30 fps
ANALOG INPUT	16CH	4CH	16CH	8CH	16CH	8CH
IP INPUT	16+8CH Up to 6MP	4+4CH Up to 8MP	16+16CH Up to 8MP	8+8CH Up to 8MP	32CH Up to 12MP	8+8CH Up to 8MP
MAX INPUT/RECORD	128Mbps /128Mbps	64Mbps /64Mbps	128Mbps /128Mbps	128Mbps /128Mbps	128Mbps /128Mbps	128Mbps /128Mbps
AUDIO IN/OUT	4/1, 2-way	4/1, 2-way	1/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way
MAXIMUM HDD	2 SATA Ports, up to 10TB each disk 20TB max	1 SATA Port, up to 10TB	2 SATA Ports, up to 10TB each disk 20TB max	2 SATA Ports, up to 10TB each disk 20TB max	4 SATA Ports, up to 10TB each disk 40TB max	2 SATA Ports, up to 10TB each disk 20TB max
DISPLAY	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA	2 HDMI, 1 VGA, 1 BNC	1 HDMI, 1 VGA
ESATA	—	—	—	—	1	—
USB	2 USB Ports (1 USB 2.0, 1 USB 3.0)	2 USB 2.0 Ports	2 USB Ports (1 USB 2.0, 1 USB 3.0)	2 USB Ports (1 USB 2.0, 1 USB 3.0)	3 USB Ports (1 USB 2.0, 2 USB 3.0)	2 USB Ports (1 USB 2.0, 1 USB 3.0)
EXTERNAL STORAGE	USB Device/Network	USB Device/Network	USB Device/Network	USB Device/Network	USB Device/Network	USB Device/Network
ALARM IN/OUT	16/3	8/3	—	8/3	16/3	8/3
ETHERNET	1 Gigabit Port	1 100Mbps Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
REMOTE LOGIN	128	128	128	128	128	128
DIMENSION	1U 14.76 in. x 10.96 in. x 2.09 in.	Mini 1U 12.80 in. x 10.11 in. x 2.17 in.	1U 14.76 in. x 13.0 in. x 2.09 in.	1U 14.76 in. x 10.96 in. x 2.09 in.	1.5U 17.32 in. x 16.37 in. x 2.99 in.	1U 14.80 in. x 11.31 in. x 2.09 in.
POWER	12 VDC, 4A <12 W (Without HDD)	12 VDC, 2A <7 W (Without HDD)	12 VDC, 5A <32 W (Without HDD)	12 VDC, 5A <15 W (Without HDD)	100 VAC to 240 VAC, 50/60 Hz <30 W (Without HDD)	12 VDC, 4A <10 W (Without HDD)
HIGHLIGHTS	1080p Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search

HDCVI VIDEO RECORDERS

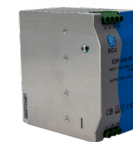


MODEL	X82B3A Series	X88B5S Series	X54B5L Series	X51C2E Series	X51C3E Series	X51C1E Series
INNOVATIVE FEATURES	ProSeries Wiz Sense	UltraSeries Wiz Sense	ProSeries Wiz Sense	LiteSeries Wiz Sense	LiteSeries Wiz Sense	LiteSeries Wiz Sense
VIDEO COMPRESSION	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264
AUDIO COMPRESSION	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM	G.711a, G.711Mu, PCM
VIDEO STANDARD	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/AHD/TVI/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)
MAXIMUM RECORD RATE	8MP at 7 fps; 6MP at 10 fps; 5MP at 12 fps; 4K-N, 4MP, 3MP at 15 fps 4M-N, 1080p, 720p, 960H, D1, CIF at 30 fps	8MP at 7 fps; 6MP at 10 fps; 5MP at 12 fps; 4K-N, 4MP, 3MP at 15 fps 4M-N, 1080p, 720p, 960H, D1, CIF at 30 fps	5M-N at 10 fps 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, CIF at 30 fps	5M-N at 10 fps 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, CIF at 30 fps	5M-N at 10 fps 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, CIF at 30 fps	5M-N at 10 fps 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, CIF at 30 fps
ANALOG INPUT	16CH	32CH	32CH	8CH	16CH	4CH
IP INPUT	16+16Up to 8MP	32CH Up to 12MP	32CH Up to 8MP	8+4CH Up to 6MP	16+8CH Up to 6MP	4+2CH Up to 6MP
MAX INPUT/RECORD	128Mbps /128Mbps	128Mbps /128Mbps	128Mbps /128Mbps	48Mbps / 48Mbps	96Mbps / 96Mbps	32Mbps/32Mbps
AUDIO IN/OUT	4/1, 2-way	16/1, 2-way	4/1, 2-way	8/1, 2-Way	16/1, 2-Way	4/1, RCA 2-Way
MAXIMUM HDD	2 SATA Ports, up to 10TB each disk 20TB max	8 SATA Ports, up to 10TB each disk 80TB max	4 SATA Ports, up to 10TB each disk 40TB max	1 SATA Port, up to 10TB max	1 SATA Port, up to 10TB max	1 SATA Port, up to 6TB max
DISPLAY	1 HDMI, 1 VGA	2 HDMI, 1 VGA, 1 BNC	2 HDMI, 1 VGA, 1 BNC	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA
ESATA	—	1	1	—	—	—
USB	2 USB Ports (1 USB 2.0, 1 USB 3.0)	4 USB Ports (2 USB 2.0, 2 USB 3.0)	3 USB Ports (1 USB 2.0, 2 USB 3.0)	2 USB 2.0 Ports	1 USB 2.0 Port, 1 USB 3.0 Ports	2 USB 2.0 Ports
EXTERNAL STORAGE	USB Device/Network	USB Device/Network	USB Device/Network	USB Device/Network	USB Device/Network	USB Device/Network
ALARM IN/OUT	16/3	16/6	16/6	8/3	16/3	8/3
ETHERNET	1 Gigabit Port	2 Gigabit Ports	1 Gigabit Port	100 Mbps Port	1 Gigabit Port	100 Mbps Port
REMOTE LOGIN	128	128	128	128	128	128
DIMENSION	1U 14.76 in. x 10.96 in. x 2.09 in.	2U 17.32 in. x 18.23 in. x 3.73 in.	17.30 in. x 16.40 in. x 3.0 in.	12.80 in. x 10.04 in. x 2.17 in.	12.80 in. x 10.04 in. x 2.17 in.	12.80 in. x 10.10 in. x 2.17 in.
POWER	12 VDC, 5A <15 W (Without HDD)	100 VAC to 240 VAC, 50/60 Hz <30 W (Without HDD)	100 VAC to 240 VAC, 50/60 Hz <35 W (Without HDD)	12 VDC, 2A < 10 W, without HDD	12 VDC, 2A < 15 W, without HDD	12 VDC,1.5A < 4 W, without HDD
HIGHLIGHTS	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Spot Output, Smart Search	4K Penta-brid, Perimeter Protection, Face Detection**, Smart Motion Detection, Spot Output, Smart Search	1080P Penta-brid, IVS, Face Detection**, Spot Output, Smart Search	1080P Penta-brid, Smart Search, Face Detection**, IVS Analytics, P2P, Plug & Play	1080P Penta-brid, Smart Search, Face Detection**, IVS Analytics, P2P, Plug & Play	1080P Penta-brid, Perimeter Protection, Smart Motion Detection+, AI Coding,

VIDEO INTERCOM
















MODEL	DHI-VTO2202F-P-S2	DHI-VTO2211G-WP	DHI-VTH5422HW
DESCRIPTION	2-wire/IP Outdoor Station	Wireless Outdoor Station	7-in. IP/2-wire Color Indoor Monitor
KEY FEATURES	<ul style="list-style-type: none"> • 160° fisheye • Compatible with Two-wire or RJ45 Interface (PoE IEEE 802.3af Class 0) • Built-in Microphone and Speaker for Two-way Talk • Audible Alarm if Removed from the Wall • Easily Leave and Retrieve Audio and Video Messages • See and speak with visitors and unlock doors remotely via the DMSS app • Motion Detection • IP65 Ingress Protection and IK07 Vandal Resistance • Surface- or Flush-mount • Anodized Aluminum Panel 	<ul style="list-style-type: none"> • 120° fisheye • Support Wireless Network Integration and PoE (IEEE 802.3af Class 0) • Built-in Microphone and Speaker for Two-way Talk • Audible Alarm if Removed from the Wall • Easily Leave and Retrieve Audio and Video Messages • See and speak with visitors and unlock doors remotely via the DMSS app • Motion Detection • IP65 Ingress Protection • Surface-mount 	<ul style="list-style-type: none"> • 7-inch Capacitive TFT Touch Screen Screen, 1024 x 600 Resolution • Two-wire Digital Communication or RJ45 Interfaces • Supports H.265 and H.264 Video Encoding • Integrated Micro SD Card Slot, maximum 64 GB • Setup and Activate up to Six (6) Alarm Inputs and One Alarm Output • Supports Outdoor Station or IP Camera • Perform Call Session Recordings and Take Snapshots of Live Video (requires SD card) • PoE (802.3af)



MODEL	DHI-VTH2421FW-P	DHI-KTP01(S)	DHI-VTNS2003B-2	ADS-110DL-19-1 240072E	ADS-65LSI-52-1 48060G VI	EDP-240-48
DESCRIPTION	IP Color Indoor Monitor	IP Video Intercom Kit	Two-wire Power Supply Switch	Power Supply Adapter	Power Supply Adapter	Power Supply Adapter
KEY FEATURES	<ul style="list-style-type: none"> • 7-inch Capacitive TFT Touch Screen Screen, 1024 x 600 Resolution • RJ45 Interface • Simplified Connection and Setup • Integrated Micro SD Card Slot, maximum 32 GB • Setup and Activate up to Six (6) Alarm Inputs and One Alarm Output • Supports Outdoor Station or IP Camera • Perform Call Session Recordings and Take Snapshots of Live Video (requires SD card) • PoE (802.3af) 	<p>IP Kit includes the following:</p> <ul style="list-style-type: none"> DHI-VTO2202F-P IP Outdoor Station DHI-VTH2421FW-P Indoor Monitor DH-PFS3005-4ET-60 PoE Switch VTM115 Surface-mount Box 	<p>10-level Cascade via Two-wire Port</p> <p>Connect up to 20 Indoor Monitors and Two (2) Door Stations</p> <p>Supports Connection via an RJ45 Port</p>	<p>Power Supply Adapter for VTNS1060A 24 VDC, 3A</p>	<p>Power Supply Adapter for VTNS2003B-2 48 VDC</p>	<p>Power Supply Adapter for VTNS2003B-2 DC48V/5A</p>

VIDEO INTERCOM

							
MODEL	DHI-VTO4202F-P-S2	DHI-VTO4202F-MS	DHI-VTO4202F-MK	DHI-VTO4202F-MF	DHI-VTO4202F-MB5	DHI-VTO4202F-ML	DHI-VTO4202F-MN
DESCRIPTION	Camera Module	Display Module	Keypad Module	Fingerprint Module	5 Button Selection Module	LED Indicator Module	Blank Placeholder Module

								
MODEL	VTM52R2	VTM53R3	VTM125	VTM126	VTM127	VTM128	VTM54R4	VTM56R6
DESCRIPTION	Surface Mount (2 Modules)	Surface Mount (3 Modules)	Surface & Flush Mount Cover (2 Module)	Surface & Flush Mount Cover (3 Module)	Flush Mount (2 Modules)	Flush Mount (3 Modules)	Flush Mount (2x2 Modules)	Flush Mount (3x3 Modules)

FEATURES AND FUNCTIONS

The Dahua Intercom Modular System is a complete intercom solution that offers full customization of the entire system. This intercom system starts with a 2MP outdoor video intercom module that offers a wide-angle view lens, high-resolution images even in dark environments, and two-way talk. Then, add optional modules that offer door access capability (card reader, fingerprint reader, and keypad), call buttons, information text display, and status light indicators. The system also offers optional accessories to flush-or surface-mount a two-or three-module intercom system.



PIN Code



Fingerprint



Card

APPLICATION SCENARIOS

Office



School



Research Institute



Monitoring Center



ACCESS CONTROL

NEW



COMING SOON



NEW



NEW



MODEL	DHI-ASC3202B	DHI-ASC2204C-S	DHI-ASR1102A(V3)	DHI-ASC2204C-H	DHI-VTM416
DESCRIPTION	Web Access Controller	Four-Door Access Controller, with Enclosure and Power Supply	Slim Fingerprint Card Reader	Elevator Master Access Controller	Elevator Control Module
KEY FEATURES	<ul style="list-style-type: none"> Integrated web server and management software for remote access control management 2 Door management (Scalable up to 40 doors with additional sub controllers) Supports integration with 3rd parties 26-bit readers Interface with card readers through Wiegand and RS-485 protocols Supports 1,000 users, 3,000 fingerprints, 5,000 cards and 300,000 records capacity 	<ul style="list-style-type: none"> Wiegand or RS-485 Protocol to Readers TCP/IP to PC for WAN Communication Supports Card, Password, Fingerprint and a Combination of Credentials Stores 100,000 User and 500,000 Card-swipe Records Door Time Out, Intrusion, Duress, and Tamper Alarms Anti-passback, Multi-door Interlock, and Multicard Open Options 	<ul style="list-style-type: none"> RS485 Protocol MIFARE 13.56 MHz Card Reader Stores up to 3000 Fingerprints Watch Dog Function for Tamper Detection Metal Keypad Button with Blue Backlight Audible and Visual Indicators Surface-mount Installation 	<ul style="list-style-type: none"> Manages Up to Eight (8) Elevator Control Lifts (DHI-VTM416) Supports TCP/IP, RS-485, and Wiegand Protocols Stores 1,000 Users and 200,000 Card-swipe Records Issues Alarms for Tampering, Intrusion, Timeout, Duress, Invalid Card, and Incorrect Password Supports Built-in RTC, Manual Time-fixing, and Automatic Time-fixing Enables Anti-passback and Multi-door Interlock to Control Traffic in High-security Applications Supports Watchdog Mechanism to Ensure Operation Stability 	<ul style="list-style-type: none"> Connection to Two (2) RS-485 Readers Supports 8 Cascading, Up to 128 Floors Permission Control Six (6) Alarm Inputs, Two (2) Alarm Outputs Stores up to 30,000 alarm records and log records Supports Up to 60 Elevator Control Modules Floor Permissions Automatically Released if Fire Alarm Triggered Remote Control via Web Client

COMING SOON

COMING SOON



MODEL	DHI-ASI2212H-W	DHI-ASR1101M-V1	DHI-ASR1100B-V1	DHI-ASM202	IC-S50	IC-SM
DESCRIPTION	Waterproof Standalone Reader and Controller	Vandal-resistant RFID Card Reader w/Keypad	RFID Card Reader	Fingerprint Enrollment Reader	IC Card	IC Key Fob
KEY FEATURES	<ul style="list-style-type: none"> TCP/IP and WiFi Communication Supports Auto and P2P Registration and DHCP Switch Between Reader and Controller Functions Supports Various User Credentials - Guest, Patrol, VIP and others Touch Keypad and 2.4-in. LCD Display Supports 30,000 Users, 30,000 Cards, 30,000 passwords, 3,000 Fingerprints, 50 Administrators, and 150,000 Record 	<ul style="list-style-type: none"> Wiegand 26/34 bit or RS485 Protocol MIFARE 13.56 MHz Card Reader Watch Dog Function for Tamper Detection Metal Keypad Button with Blue Backlight Audible and Visual Indicators IK08 Vandal Resistance Surface-mount Installation 	<ul style="list-style-type: none"> Wiegand Protocol MIFARE 13.56 MHz Card Reader Built-in Relay to Lock Door Watch Dog Function for Tamper Detection Audible and Visual Indicators IP67 Ingress Protection Surface-mount Installation 	<ul style="list-style-type: none"> Plug-and-play Operation USB Power Supply and Communication 500 DPI Image Resolution 	<ul style="list-style-type: none"> MIFARE S50, 13.56 MHz ISO/IEC 1443A Compatible 10 cm (3.94 in.) Approximate Range 	<ul style="list-style-type: none"> MIFARE S50, 13.56 MHz Contactless RFID 10 cm (3.94 in.) Approximate Range

TRANSMISSION

POE SWITCH

- Higher Power & Protection
- BT 90W (Red Port)
 - High Lightning Protection
 - Wide Working Temperature

- Longer Transmission
- Long Distance PoE
 - 8-wire PoE Transmission

- Smarter Management
- PoE Watchdog
 - Intelligent PoE
 - Non-blocking Video Transmission



MODEL	DH-PFS3006-4ET-60	DH-PFS3010-8ET-96	DH-PFS4218-16ET2GF-240
FORM FACTOR	Desktop PoE Switch	Desktop PoE Switch	Desktop PoE Switch
FAST/GIGABIT ETHERNET	4FE PoE+2FE	8FE PoE + 2GE	16FE PoE+2GE (Combo)
SFP SLOTS	—	—	2GE SFP (Combo)
POE STANDARD	PoE (802.3af), PoE+ (802.3at), Hi-PoE	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)
POE BUDGET	60W	96W	240W
POE WATCHDOG	Supported	Supported	Supported
LONG DISTANCE POE TRANSMISSION	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)
INTELLIGENT POE MANAGEMENT	Supported	Supported	Supported
SWITCHING CAPACITY	1.8Gbps	5.6Gbps	8.8Gbps
PACKET FORWARDING RATE	890Kpps	4.17Mpps	5.36Mpps
PACKET BUFFER MEMORY	768Kb	4Mb	2.75Mb
MAC TABLE SIZE	2K	8K	4K
VLAN	—	—	Supported
LINK AGGREGATION	—	—	Supported
FLOW CONTROL	Supported	Supported	Supported
SPANNING TREE	—	—	Supported
MANAGEMENT	—	—	Web, SNMP
LIGHTNING PROTECTION	Common Mode 2KV Differential Mode 1KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
WORKING TEMPERATURE	14°F to +131°F (-10°C to +55°C)	14°F to +131°F (-10°C to +55°C)	14°F to +131°F (-10°C to +55°C)
DIMENSIONS (W×D×H)	130mm×85mm×26mm (5.1"×3.3"×1.0")	190mm×100mm×30mm (7.5"×3.9"×1.2")	440mm×300mm×44mm (17.3"×11.8"×1.7")

TRANSMISSION



MODEL	DH-PFS4226-24ET2GF-360	DH-PFS3006-4GT-60	DH-PFS3010-8GT-96	DH-PFS4212-8GT-96	DH-PFS4218-16GT-240
DESCRIPTION	Desktop PoE Switch	All-Gigabit PoE Switch	All-Gigabit PoE Switch	All-Gigabit PoE Switch	All-Gigabit PoE Switch
FAST/GIGABIT ETHERNET	24FE PoE+2GE (Combo)	4GE PoE+2GE	8GE PoE+2GE (Combo)	8GE PoE+2GE	16GE PoE+2GE
SFP SLOTS	2GE SFP (Combo)	—	2GE SFP (Combo)	2 GE SFP	2 GE SFP
POE STANDARD	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.3at), Hi-PoE	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)
POE BUDGET	360W	60W	96W	96W	240W
POE WATCHDOG	Supported	Supported	Supported	Supported	—
LONG DISTANCE POE TRANSMISSION	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	—
INTELLIGENT POE MANAGEMENT	Supported	Supported	Supported	Supported	—
SWITCHING CAPACITY	8.8Gbps	14Gbps	20Gbps	52Gbps	52Gbps
PACKET FORWARDING RATE	6.55Mpps	8.93 Mbps	14.88Mpps	17.86Mpps	23.81Mpps
PACKET BUFFER MEMORY	2.75Mb	1Mb	1.5Mb	4Mb	4Mb
MAC TABLE SIZE	4K	2K	4K	8K	8K
VLAN	Supported	—	—	Supported	—
LINK AGGREGATION	Supported	—	—	Supported	Supported
FLOW CONTROL	Supported	Supported	Supported	Supported	Supported
SPANNING TREE	Supported	—	—	Supported	Supported
MANAGEMENT	Web, SNMP	—	—	Web, CLI, SNMP	Web, Serial, SNMP
LIGHTNING PROTECTION	Common Mode 4KV Differential Mode 2KV	Common Mode 2KV Differential Mode 1KV	Common Mode 6KV Differential Mode 4KV	Common Mode 2KV Differential Mode 1KV	Common Mode 2KV Differential Mode 1KV
WORKING TEMPERATURE	14°F to +131°F (-10°C to +55°C)	4°F to +131°F (-20° to +55°C)	14°F to +131°F (-10°C to +55°C)	14°F to +131°F (-10°C to +55°C)	14°F to +131°F (-10°C to +55°C)
DIMENSIONS (W×D×H)	440mm×300mm×44mm (17.3"×11.8"×1.7")	130mm×85mm×26mm (5.1"×3.3"×1.0")	190mm×100mm×30mm (7.5"×3.9"×1.2")	220mm×135mm×30mm (8.67"×5.31"×1.18")	440mm×300mm×44mm (17.3"×11.8"×1.7")

TRANSMISSION



MODEL	DH-PFS4226-24GT-360	DH-PFS4210-8GT-DP	DH-LR2110-8ET-120	DH-LR2218-16ET-240	DH-LR2226-24ET-360
DESCRIPTION	All-Gigabit PoE Switch	Industrial PoE Switch	ePoE Switch	ePoE Switch	ePoE Switch
FAST/GIGABIT ETHERNET	24GE PoE+2GE	8GE PoE	8FE PoE+1GE	16FE PoE+2GE (Combo)	24FE PoE+2GE (Combo)
SFP SLOTS	2 GE SFP	2GE SFP	1GE SFP	2GE SFP(Combo)	2GE SFP(Combo)
POE STANDARD	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.4at), Hi-PoE	PoE (802.3af), PoE+ (802.5at), Hi-PoE	PoE (802.3af), PoE+ (802.6at), Hi-PoE
POE BUDGET	360W	120W	120W	240W	360W
POE WATCHDOG	—	Supported	—	—	—
LONG DISTANCE POE TRANSMISSION	—	Yes (250 meters)	Yes (800 meters)	Yes (800 meters)	Yes (800 meters)
INTELLIGENT POE MANAGEMENT	—	Supported	—	—	—
SWITCHING CAPACITY	52Gbps	28Gbps	8.8Gbps	8.8Gbps	8.8Gbps
PACKET FORWARDING RATE	38.688Mpps	14.88Mpps	4.17Mpps	5.36Mpps	6.55Mpps
PACKET BUFFER MEMORY	4Mb	4Mb	2.75Mb	2.75Mb	2.75Mb
MAC TABLE SIZE	8K	8K	4K	4K	4K
VLAN	—	Supported	—	Supported	Supported
LINK AGGREGATION	Supported	Supported	—	Supported	Supported
FLOW CONTROL	Supported	Supported	Supported	Supported	Supported
SPANNING TREE	Supported	Supported	—	Supported	Supported
MANAGEMENT	Web, Serial, SNMP	WEB, CLI, SNMP	—	Web, SNMP	Web,SNMP
LIGHTNING PROTECTION	Common Mode 2KV Differential Mode 1KV	Common Mode 6KV Differential Mode 4KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
WORKING TEMPERATURE	14°F to +131°F (-10°C to +55°C)	-40°F to+167°F (-40°C to +75°C)	-22°F to +149°F (-30°C to +65°C)	14°F to +131°F (-10°C to +55°C)	14°F to +131°F (-10°C to +55°C)
DIMENSIONS (W×D×H)	440mm×300mm×44mm (17.3"×11.8"×1.7")	175mm×134mm×53mm (6.9"×5.3"×2.1")	150mm×100mm×42mm (5.9"×3.9"×1.7")	440mm×300mm×44mm (17.3"×11.8"×1.7")	440mm×300mm×44mm (17.3"×11.8"×1.7")

TRANSMISSION



WIRELESS DEVICES

- Point-to-Point, Point-to-Multi-point, Back-to-Back Applications
- Up to 20 Km coverage
- TDMA technology ensures system reliability
- Easy installation and configuration
- Multi-language



MODEL	DH-PFWB5-10n	DH-PFWB5-90n
DESCRIPTION	V-Radio Wireless Bridge Series	V-Radio Wireless Bridge Series
FAST/GIGABIT ETHERNET	1FE	1FE
WIRELESS STANDARD	802.11 a/n	802.11 a/n
WORKING FREQUENCY	5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)	5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
WIRELESS SPEED	300Mbps	300Mbps
TRANSMISSION DISTANCE	5km (recommended) 7km (Max)	5km (recommended) 7km (Max)
ANTENNA GAIN	20dBi	18dBi
POLARIZATION	Dual Linear: Horizontal 10°, vertical 10°	Dual Linear: Horizontal 90°, vertical 90°
TX POWER MAX	29dBm	29dBm
PROPRIETARY PROTOCOL	TDMA	TDMA
NETWORK SECURITY	WPA/WPA2 Personal WPA/WPA2 Enterprise WACL, User Isolation	WPA/WPA2 Personal WPA/WPA2 Enterprise WACL, User Isolation
MANAGEMENT	Web	Web
LIGHTNING PROTECTION	Common Mode 3KV Differential Mode 1KV	Common Mode 3KV Differential Mode 1KV
INGRESS PROTECTION	IP66	IP66
WORKING TEMPERATURE	-22°F to +158°F (-30°C to + 70°C)	-22°F to +158°F (-30°C to + 70°C)
DIMENSION	185mm×185mm×81mm (7.3"×7.3"×3.2")	383mm×100mm×98mm (15.1"×3.9"×3.9")
POWER	12 - 24V DC Passive PoE	12 - 24V DC Passive PoE



DSS FAMILY

DSS Pro and DSS Express are pure software based, their capacity and features can be flexibly adapted to different projects.

DSS Express is generally tailored for small-sized applications, while DSS Pro is targeted at large and medium-sized applications.

DSS4004-S2 and DSS7016DR-S2 are hardware based series with Plug & Play which enables users to use the product with minimal initial configuration and management.

FOUR CENTERS

In order to better meet users needs, our new system refines four scene centers (**Monitor Center, Event Center, Investigation Center and Maintenance Center**) and realizes business functions based on the corresponding scenes.

MONITOR CENTER

- Compared with pure video, the Monitor Center provides more multidimensional resources.

- Video
- ANPR
- Maps
- Access Control
- Picture
- Event

- Users can utilize the interface expansion on the right to respond to events in time.

- Access Control
- ANPR
- Vehicle Entrance and Exit
- Metadata

- Drag an event entry to any window. The related video will then automatically play from 15 seconds before the event to 15 seconds after the event.



EVENT CENTER



Event Statistics

- All statistics on alarm information, including the number of different priority alarms, alarm processing status, alarm trend, high frequency location and types.



Real-time Event

- Receiving real-time alarm info enables users to handle alarms quickly.
- Provides detailed information of the alarm, including pictures, video, and location. According to the urgency, users can decide whether to send an email to notify relevant personnel or not.



Event History

- According to processing situation, priority, time, and processor, users can utilize historical alarm query and analyze events.



Time	Video Channel	Alarm Channel	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel1	AlarmChannel1	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel2	AlarmChannel2	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel3	AlarmChannel3	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel4	AlarmChannel4	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel5	AlarmChannel5	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel6	AlarmChannel6	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel7	AlarmChannel7	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel8	AlarmChannel8	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel9	AlarmChannel9	Alarm Status	Alarm Type	Alarm Priority
07:00:00.000	AlarmChannel10	AlarmChannel10	Alarm Status	Alarm Type	Alarm Priority

INVESTIGATION CENTER



Evidence File Management

- Centralized management and permanent storage of important information and data.
- Independent storage disks store evidence files which derived from front-end equipment, platform center or local PC, including videos and pictures.



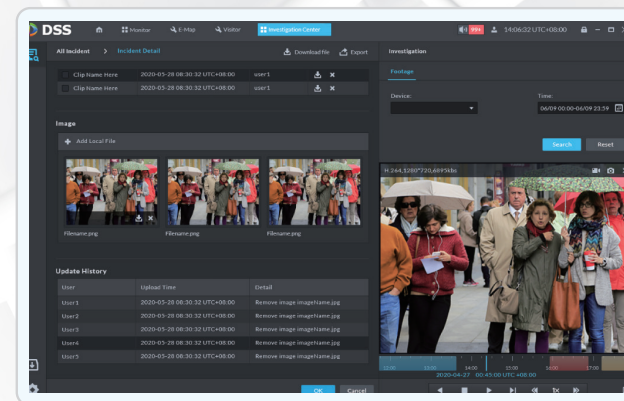
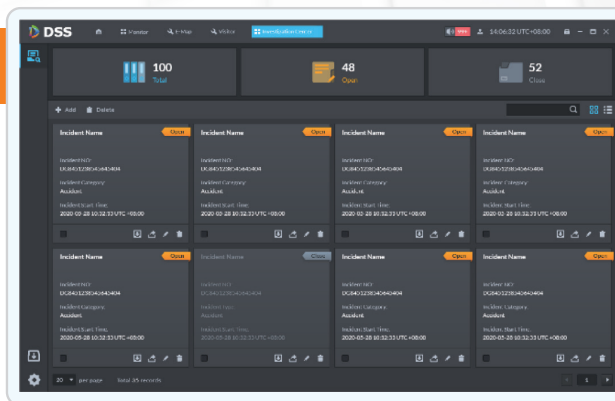
Permission Management

- Operators can only check the evidence file that they created.
- Only super administrator can delete closed evidences.



Report

- Generate and export system reports, including basic information, videos, pictures, and update records, improving investigation efficiency.
- Report Logo is customizable.



MAINTENANCE CENTER



Overview

- Displays the overall situation of equipment, channels, storage, servers and faults, utilizes different colors to distinguish different status, and detects abnormalities intuitively and quickly.
- Shows the failure related trends in the past 7 days and provide timely warnings.



Resource Status

- Independently displays the operation and maintenance status of equipment, channels, services and faults, including online, offline, video quality, etc.
- Search historical faults of equipment and services.



Automatically Send Reports

- Supports custom sending of report templates, including sending time, period, subject, data content, and recipients.
- Administrators can make informed decisions through relevant reports.



Device Name	Device IP	Device Type	Online Status	Last State Change Time	Running Status	Manufacturer
Device Name Here	172.3.3.123	IPC	Offline	2020-09-28 13:22:11 UTC	Normal	Dahua
Device Name Here	172.3.3.122	IPC	Offline	2020-09-28 13:22:21 UTC	Abnormal	Dahua
Device Name Here	172.3.3.122	IPC	Offline	2020-09-28 13:22:21 UTC	Normal	Dahua
Device Name Here	172.3.3.124	IPC	Offline	2020-09-28 13:22:21 UTC	Normal	Dahua
Device Name Here	172.3.3.123	IPC	Offline	2020-09-28 13:22:21 UTC	Normal	Dahua

SOFTWARE

MODEL	DSS Express V8	DSS Pro V8	DSS4004-S2	DSS7016DR-S2
DEPLOYMENT				
OS	Windows	Windows	Linux	Linux
FORM	Software	Software	All-in-One	All-in-One
TYPE OF DEPLOYMENT	Single-server	Distribute Cascade	Single-server	Distribute
HOT STANDBY	—	✓	—	✓
N+M	—	✓	—	✓
PERFORMANCE				
NUMBER OR CAMERA PER SERVER	256 IP, 256 Ch	1,000 IP, 2,000 Ch	256 IP, 256 Ch	500 IP, 1,000 Ch
NUMBER OF DOORS PER SERVER	64	1,000	64	512
NUMBER OF VDP PER SERVER	256 (32 VTO)	1,000 (200 VTO)	1,000 (64 VTO)	2,000 (64 VTO)
NUMBER OF ANPR PER SERVER	8	500 (24 for entrance)	32	64
USER	50	2,500	50	200
NUMBER OF ONLINE USERS	10	200	10	50
MICROSOFT ACTIVE DIRECTORY	—	✓	—	✓
VIDEO INPUT OR OUTPUT PER SERVER	350Mbps	600Mbps	350Mbps	600Mbps
STORAGE AND PLAYBACK BANDWIDTH PER SERVER	150Mbps	600Mbps	150Mbps	600Mbps
MAXIMUM VIDEO STORAGE PER SERVER	2TB	400TB	100TB	200TB
RANGE				
CAMERA (ANPR, COUNTING CAMERA, THERMAL)	256 IP, 256 Ch	1,000 IP, 2,000 Ch	256 IP, 256 Ch	500 IP, 1,000 Ch
THIRD-PARTY CAMERAS (ONVIF)	256 (32 VTO)	1,000 (200 VTO)	1,000 (64 VTO)	2,000 (64 VTO)
ACCESS CONTROL	8	500 (24 for entrance)	32	64
VIDEO INTERCOMS	50	2,500	50	200
ALARM CONTROLLER	10	200	10	50

SOFTWARE

MODEL	DSS Express	DSS Pro	DSS4004-S2	DSS7016DR-S2
FEATURES				
LIVE VIEW	✓	✓	✓	✓
RECORD PLAYBACK	✓	✓	✓	✓
DISK GROUP	–	✓	–	✓
DOWNLOAD	✓	✓	✓	✓
EMAP (PNG, JPG, JPEG)	✓	✓	✓	✓
GIS MAP	–	✓	–	✓
VIDEO WALL	✓	✓	✓	✓
GENERATE TRACKING INFO ACCORDING TO FR	–	✓	–	✓
ANPR VIEW AND SEARCH	✓	✓	✓	✓
VEHICLE TRACKING ACCORDING TO ANPR	–	✓	–	✓
PERSONNEL MANAGEMENT	✓	✓	✓	✓
ACCESS CONTROL MANAGEMENT	✓	✓	✓	✓
VISITOR MANAGEMENT	✓	✓	✓	✓
VISITOR APPOINTMENT REGISTRATION	–	✓	–	✓
VIDEO INTERCOMS MANAGEMENT	✓	✓	✓	✓
MONITOR CENTER	–	✓	–	–
EVENT CENTER	–	✓	–	–
INVESTIGATION CENTER	–	✓	–	–
MAINTENANCE CENTER	–	✓	–	✓
ADD-ONS				
VEHICLE ENTRANCE MANAGEMENT	✓	✓	–	–
ATTENDANCE MANAGEMENT	–	✓	–	–
TRAFFIC MANAGEMENT	–	✓	–	–

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount	
Dome	N85DL6Z DH-IPC-HDBW7442H-ZFR DH-IPC-HDBW5842EN-Z4E-S2 DH-IPC-HDBW5231EN-ZE-HDMI N43AM5Z N43AM5Z-B*		PFA138								
			PFA138						PFA151		
						PFB201C					
					PFB211W						
		PFA101			PFB211W						PFA152-E
	DH-IPC-HDBW5442HN-ZHE			DH-PFB211WA							
				DH-PFB211WA						DH-PFA152A-E	
	A82AM5V A22DMAZ N53AM5Z N45DL7Z N45DM6Z			PFA137							
				PFA137				PFA200W			
						PFB200C					
				PFB203W or DH-PFB206W PFB203W or DH-PFB206W						PFA152-E	
PFA106				PFB305W					PFA151		
Vari-focal Eyeball	N53AJ5Z		PFA137								
					PFB203W or DH-PFB206W PFB203W or DH-PFB206W					PFA152-E	
		PFA106			PFB305W					PFA151	
		PFA106					PFB220C				
	N45EYNZ			PFA123							
				PFA137							
				PFA137				PFA200W			
		DH-PFA109				PFB200C					
					PFB203W or DH-PFB206W PFB203W or DH-PFB206W						PFA152-E
		DH-PFA109			PFB305W					PFA151	
	A22DJAZ A82AH5V			PFA137							
				PFA130-E							
					PFB203W or DH-PFB206W PFB203W or DH-PFB206W						PFA152-E
		PFA106			PFB305W					PFA151	
		PFA106					PFB220C				
	N85DJ6Z			PFA139							
				PFA130-E							
					PFB203W or DH-PFB206W PFB203W or DH-PFB206W						PFA152-E
PFA106				PFB305W					PFA151		
PFA106						PFB220C					

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount	
Vari-focal Bullet	DH-HAC-HFW32A1EN-Z N85DB6Z DH-IPC-HFW5842EN-Z4E-S2		PFA121						PFA151	PFA152-E	
			PFA121							PFA153	
			PFA121								PFA154
			DH-PFA143								
	DH-IPC-HFW7442HN-ZFR										
	A22DFAZ A82AF5V N53AF5Z N45DB7Z N43AF5Z N45EFNZ			PFA130-E						PFA151	
				PFA130-E							PFA152-E
				PFA130-E							
			DH-PFA143							PFA153	
Fixed-lens Dome	A22DL62 N53AL52 N43AL52 N43AL52-B N45EM63 N22AL12 N55DY82 N82AL32		PFA136								
			PFA136				PFA200W				
				PFB203W or DH-PFB206W							PFA152-E
		PFA106		PFB203W or DH-PFB206W						PFA151	
		PFA106		PFB305W			PFB220C				
			PFA136								
	DH-IPC-HDBW1435EN-W-S2			PFB203W or DH-PFB206W							PFA152-E
				PFB203W or DH-PFB206W							
	A82AM52 DH-IPC-HCBW8442N			PFA137							
				PFA137				PFA200W			
					PFB203W or DH-PFB206W	PFB200C					
		PFA106		PFB203W or DH-PFB206W							PFA152-E
	N43AN52	PFA106		PFB305W						PFA151	
			PFA139								
			PFA139								
		PFA106			PFB204W	PFB220C					
	DH-IPC-HDBW5441FN-AS-E2			PFB204W							PFA152-E
				PFB204W							
		PFA106		PFB305W						PFA151	
			PFA137								
N85DY62			PFB203W or DH-PFB206W							PFA152-E	
			PFB203W or DH-PFB206W								
		PFA139									
		PFA130-E									
			PFB204W								
	PFA106		PFB204W							PFA152-E	
	PFA106		PFB305W					PFA151			
	PFA106					PFB220C					

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount		
Fixed-lens Dome	N45EYN2		PFA137 or PFA123									
				PFB305W						PFA150		
				PFA123 or PFA137	PFB305W							
		PFA109		PFB305W								
		PFA109					PFB220C					
					PFB305W PFB203W or DH-PFB206W						PFA152-E	
Fixed-lens Eyeball	A21BJ02		PFA123 or PFA137 DH-PFA13A-E						PFA151			
		PFA106				PFB220C						
					DH-PFB205W-E						PFA152-E	
	N53AJ52			PFA136								
				PFA130-E								
					PFB203W or DH-PFB206W							
					PFB203W or DH-PFB206W						PFA152-E	
		PFA106		PFB305W						PFA151		
		PFA106					PFB220C					
	N43AJ52 N43AJ52-B			PFA13A-E								
				PFA130-E								
					PFB204W							
					PFB204W						PFA152-E	
		PFA106		PFB305W						PFA151		
	N81CJ02											
				DH-PFA13A-E								
				PFA130-E								
	N42BJ62-B N42BJ62 N45DJ62 N85DJ62 A22BJ63 A22CJN2				PFB204W							
					PFB204W						PFA152-E	
		PFA106		PFB305W						PFA151		
		PFA106					PFB220C					
		A82AG52 N43BJ62 N55DU82			PFA130-E							
					PFA137							
						PFB203W or DH-PFB206W						
					PFB203W or DH-PFB206W						PFA152-E	
PFA106			PFB305W						PFA151			
A52CJ62 N42DJS2 (excludes PFA139)												
			PFA130-E									
			PFA139									
				DH-PFB205W-E								
				DH-PFB205W-E						PFA152-E		
	PFA106		PFB305W						PFA151			
PFA106					PFB220C							

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount	
Fixed-lens Eyeball	N45EJN2		PFA130-E								
			PFA137								
				PFB204W							
				PFB204W							PFA152-E
		PFA106		PFB305W						PFA151	
	PFA106					PFB220C					
	A22DJ62			PFA130-E							
					DH-PFB205W-E						
					DH-PFB205W-E						PFA152-E
		DH-PFA109		PFB305W						PFA151	
	DH-PFA109					PFB220C					
	N43BU82 N43BU83			PFA137							
				DH-PFB205W-E							
PFA106						PFB220C					
				DH-PFB205W-E						PFA152-E	
				PFB305W					PFA151		
			PFB305W						PFA150		
Fixed-Lens Eyeball	N45DUD2 N83BU82		PFA130-E								
			PFA137								
		PFA106		PFB305W						PFA150	
				DH-PFB205W-E							
		PFA106					PFB220C				
		PFA106		PFB305W							PFA152-E
			DH-PFB205W-E								
Fixed-lens Bullet	N43BB62 N53AB52 N85DF62 N45EFN2 N85EFN2 A22DF63 A52CF62 A82AF53		PFA130-E								
			PFA130-E						PFA151		
			PFA130-E							PFA152-E	
			DH-PFA143								
			DH-PFA143								PFA153
	N43BX82		PFA130-E or PFA135								
			PFA130-E or PFA135								PFA152-E
			PFA130-E or PFA135							PFA151	
	N42BD32 N43AB52 DH-IPC-HFW1435SN-W-S2				PFB605W						
					PFA162						
					PFA162						PFA150
				PFA121	PFB121W						
				PFA121	PFB121W					PFA151	
				PFA121	PFB121W						PFA152-E
				PFB110W							
		PFA140	PFB604W								
		PFA140	PFB604W						PFA150		
N42DDS2			PFA134								
			PFA134							PFA152-E	
			PFA134						PFA151		

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount	
Fisheye	DH-IPC-EBW81242N-AS-S2 N88BR5V	PFA100		PFB302S							
		PFA100				PFB300C					
		PFA100				PFB300C				PFA150	
		PFA105+PFA110				PFB300C					PFA150
		PFA105+PFA110				PFB300C					PFA150
			PFA132-E							PFA151	
	N55CT5				PFB203W or DH-PFB206W						PFA152-E
					PFB203W or DH-PFB206W						PFA152-E
	N55CS5			PFA136							
					PFB203W or DH-PFB206W						PFA152-E
				PFB203W or DH-PFB206W						PFA152-E	
		PFA106				PFB220C					
Panoramic	DH-IPC-PFW8840N-A180		PFA120						PFA151		
			PFA120							PFA150	
			PFA120								PFA150
	DH-HAC-PFW3601N-A180		PFA124-B							PFA151	
			PFA124-B								PFA152-E
			PFA124-B								PFA152-E
	DH-PSDW81642M-A360				PFB710W						PFA153
					PFB710W						PFA153
						PFB710C					
DH-IPC-PDBW82041N-B360 DH-IPC-PDBW5831N-B360	PFA108 and PFA111			PFB303W							
	PFA108 and PFA111							PFB303S			
	PFA108 and PFA111					PFB300C					
	PFA108, PFA111	PFA120		PFB303W					PFA151		
	PFA108, PFA111	PFA120		PFB303W						PFA150	

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount	
PTZ	1A404XBNR		PFA120								
			PFA140								
		PFA107		PFB305W							
		PFA107		PFB305W					PFA151		
		PFA107		PFB305W						PFA150	
		PFA107	DH-PFA143	PFB305W					PFA153		
		PFA107					PFB220C				
	22204UENI 22204UENI-W			PFA137							
						PFB200C					
					PFB203W or DH-PFB206W					PFA151	
					PFB203W or DH-PFB206W						PFA152-E
	49225ICLA 49425XBNR			PFA120							
				PFA140							
					PFB305W †						
					PFB305W					PFA151	
					PFB305W						PFA150
				DH-PFA143	PFB305W						
			DH-PFA143	PFB305W					PFA153		
		PFA111					PFB300C				
	42212TNI		PFA102				PFB300C				
			PFA102			PFB302S					
			PFA102			PFB302S					PFA150
									PFA151		
	50432XANR 59232ICLA 5A445XANR 59232XANR			PFA120							
				PFA140							
			PFA110 †		PFB300S †					PFA151	
			PFA110		PFB300S						PFA150
			PFA110		PFB300S						
			PFA110	DH-PFA143	PFB300S						
			PFA110	DH-PFA143	PFB300S					PFA153	
			PFA110				PFB300C				
		PFA110						PFB303S			
	40212TNI		PFA110 †				PFB300C				
		PFA110 †	PFA120	PFB300S †							
		PFA110 †	PFA140	PFB300S †							
		PFA110 †		PFB300S †						PFA150	
		PFA110 †		PFB300S †					PFA151		
		PFA110 †						PFB303S			
6AE240VNI 6AL445XANR			PFA120								
			PFA140								
		PFA111 †		PFB303W †							
		PFA111		PFB303W					PFA151		
		PFA111		PFB303W						PFA150	
		PFA111	DH-PFA143	PFB303W							
		PFA111	DH-PFA143	PFB303W					PFA153		
	PFA111				PFB300C						
	PFA111						PFB303S				

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount	
PTZ	50232XANR	PFA110 †									
		PFA110		PFB300S †							
		PFA110		PFB302S					PFA151		
		PFA110		PFB302S						PFA150	
		PFA110					PFB300C				
	6CE445XANR			PFA120							
				PFA140							
					PFB305W †						
					PFB305W					PFA151	
					PFB305W						PFA150
				DH-PFA143	PFB305W						
				DH-PFA143	PFB305W					PFA153	
		PFA111					PFB300C				
		PFA111							PFB303S		
	8A840PANF				PFB306W †						
					PFB306W						PFA150
	6C3425XBPV		PFB305W †								
		PFB305W							PFA151		
		PFA111						PFB303S			
		PFA111				PFB300C					
		PFB305W								PFA150	
Thermal	DH-TPC-BF5421 DH-TPC-BF3221		PFA121								
			PFA121						PFA151		
			PFA121							PFA152-E	
				DH-PFB129W							
							DH-PFB120C				
	DHI-TPC-BF1241-S2 Series DHI-TPC-BF1241-T-S2 Series			PFA130-E							
										PFA151	
											PFA152-E
	DHI-TPC-DF1241-S2 Series DHI-TPC-DF1241-T-S2 Series			PFA130-E							
					PFB203W or DH-PFB206W PFB203W or DH-PFB206W						PFA152-E
PFA106						PFB220C					



Footnotes:



* Accessory is optional for the mounting application.

** Facial Detection analytics offer the best results using a camera with a minimum focal length of 6mm. Cameras with a 2.8mm to a 4mm wide angle lens detect faces only within a range of approximately 3.5 ft. to 4.5 ft from the camera.

† Mounting Accessory included with the PTZ camera. ‡ Included with camera

ACCESSORIES


						
MODEL		LR1002	LR1002-1ET/ LR1002-1EC	PC-H66.5-D126 PC-H84.5-147	PC-H49-D90 PC-H45-D84.8	DHI-TF-P100/64GB DHI-TF-P100/128GB DHI-TF-P100/256GB
DESCRIPTION	ePoE Switch	EoC Passive Converter	Single-port EoC Extender	Smoked Polycarbonate Bubble	Smoked Polycarbonate Bubble	Micro SDXC Cards
KEY FEATURES	<ul style="list-style-type: none"> Layer 2 Enhanced Power over Ethernet Switch 800 m (2625 ft) PoE Transmission Distance with ePoE Technology (Channels 1 through 8) Supports IEEE802.3af, IEEE802.3at and Hi-PoE Standards Conforms to the IEEE802.3, IEEE802.3u, IEEE802.3ab/z and the IEEE802.3X Standards Wide Temperature Range for Industrial Uses 	<ul style="list-style-type: none"> Ethernet Over Coax Passive Converter for Extending Coax to IP via ePoE Technology Supports PoE Transmission, up to 1000 m (3281 ft) Supports the IEEE802.3 and IEEE802.3u Standards Includes 2 Converters 	<ul style="list-style-type: none"> Ethernet over Coax Transmitter/ Receiver Extends EoC Transmission to non ePoE-enabled Edge or Head-end Devices Converts between CAT5E/CAT6 and Coaxial Cable Transmission Transmission Distance Up to 1000 m (3281 ft) via RG59 at 10 Mbps 	<ul style="list-style-type: none"> Replacement Bubble for PTZ IP and HDCVI Cameras PC-H66.5-D126 Compatible with 40, 42, 42C Series PTZ Domes PC-H84.5-147 Compatible with 50, 52, 52C Series PTZ Domes 	<ul style="list-style-type: none"> Replacement Bubble for Fixed-lens and Vari-focal Dome Cameras Refer to datasheet for compatibility 	<ul style="list-style-type: none"> Ideal for High-Definition Video Recording Temperature Resistant, Waterproof, Magnetic Resistant, X-ray Proof High-speed Transmission Rate, up to 100 MB/s Up to 60 MB/s Write Speed

						
MODEL	DHI-LM43-F200	DHI-LM32-F200	DHI-LM27-B200	DHI-LM24-B200	DHL22-F600-S	DHHD Series HDD
DESCRIPTION	43-in. Full HD LED Monitor	31.5-in. Full HD LED Monitor	27-in. Full HD LED Monitor	23.8-in. Full HD LED Monitor	21.5-in. Full HD LED Monitor	Hard Disk Drives
KEY FEATURES	<ul style="list-style-type: none"> 1080p Full HD Resolution High-fidelity Digital Signal Processing 8 ms Response Time, No Image Ghosting 16.7M Color Reproduction Low Energy Consumption for Long Service Life HDMI, VGA, and USB Video Inputs 	<ul style="list-style-type: none"> Wide Viewing Angle 1080p Full HD Resolution High-fidelity Digital Signal Processing for Vivid Video Fast Response Time (8 ms with no Image Ghosting) Built-in Speakers Supports HDMI, VGA, and USB Video Input 	<ul style="list-style-type: none"> High-fidelity Digital Signal Processing for Vivid Video 1920 x 1080p Resolution; 16:9 Aspect Ratio Narrow Bezel Design Offers 178°/178° Viewing Angles Supports HDMI and VGA Video Inputs 	<ul style="list-style-type: none"> Wide Viewing Angle Narrow Bezel Design Industrial-grade IPS Panel Suitable for 24/7 Operation 1080p Full HD Resolution High-fidelity Digital Signal Processing for Vivid Video Blue-light Filter Supports HDMI and VGA Video Input 	<ul style="list-style-type: none"> Wide Viewing Angle Micro-thin Bezel Design Industrial-grade IPS Panel Suitable for 24/7 Operation 1080p Full HD Resolution High-fidelity Digital Signal Processing for Vivid Video Built-in Speakers Supports HDMI and VGA Video Input 	<ul style="list-style-type: none"> Enterprise and Non-Enterprise options available


				
MODEL	DHL32-75-DJ	DH-PFM900-E	DH-PFM904	SmartPSS
DESCRIPTION	Universal VESA Monitor Ceiling Bracket	Integrated Mount Tester	HDCVI Mount Tester	Smart Professional Surveillance System
KEY FEATURES	<ul style="list-style-type: none"> Compatible with Standard VESA Patterns 200mm x 200mm 300mm x 300mm 200mm x 400mm 400mm x 400mm 400mm x 600mm Compatible Monitor Size: 32-in. to 75-in. (measured diagonally) Load Bearing Capacity: 40.0 kg (88.20 lbs) 	<ul style="list-style-type: none"> 4-in. IPS TFT Screen 800 x 480 Resolution Supports IP, HDCVI, AHD, TVI, & CVBS Formats H.265 and H.264 Dual Codecs Audio and RS485 Control TDR Network Cable Tests and Digital Multimeter Functions QWERTY Flip-open Keyboard with 45 Keys 	<ul style="list-style-type: none"> One-hand Operation with Removable Wrist Strap 4.3-in. TFT Screen, 480 x 272 Resolution Supports HDCVI, AHD, TVI, and CVBS Formats Audio and RS485 Test Control 12 VDC, 1 A Power Output Micro USB-B Port for Charging and Data I/O Two (2) 18650 Lithium Ion Batteries Replaceable Up to 8 Hours Normal Operation 	<ul style="list-style-type: none"> Efficient Device Management Manage up to 256 Devices over a Maximum of 2000 Channels Supports H.265 and H.264 Dual Codec Live Video Monitoring and Playback Configure Video Wall Layout and Scheme Configure NVR Recording PTZ Camera Control Intelligent Video System (IVS) with People Counting and Heat Map




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