

PRODUCT CATALOG

SUMMER 2023 EDITION



Technologies that Take You Further

Network Product Solutions and Accessories



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



ALL-STAR
DAHUA PARTNER 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 quality. Then, for the background areas the bandwidth is dropped since those areas are not as important.



AcuPick

AcuPick, Dahua's game-changing search technology, provides crucial search capabilities that will empower customers to quickly and accurately find people, vehicles and information. With a single reference image, you can find and track a person or vehicle of interest across multiple AcuPick cameras.



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. Our catalog displays each of the offerings of our three series from Lite to Ultra to help you easily find the perfect camera for your installation.

There's a Dahua product for every solution!

UltraSeries

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

IP 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 cameras for main stream professional, small to medium-size applications. IP fixed camera options include, 2MP, 4MP, 5MP and 8MP.

IP 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 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.

Additionally, short-range PTZ cameras and storage devices featuring 4-, 8-, or 16-channel NVR options are available.

NETWORK CAMERAS



MODEL	N22AL12	N41CJ02	N42BD32 N42BJ62 N42BJ62-B	N42DDS2 N42DJS2	N43BB62 N43BJ62
INNOVATIVE FEATURES	LiteSeries	LiteSeries	LiteSeries	LiteSeries WizSense	LiteSeries WizSense
IMAGE SENSOR	1/2.7 -in. 2MP CMOS	1/3 -in. 4MP CMOS	1/3 -in. 4MP CMOS	1/3 -in. 4MP CMOS	1/2.7 -in. 4MP CMOS
LENS	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	110°	90°	102°	95°	103°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6 (IR on)	Color: 0.03 lux at F2.0 0 lux (IR on)	Basic Starlight Color: 0.008 lux to F1.6 0 lux to F1.6 (IR on)	Color: 0.008 lux to F1.6 0 lux (IR on)	Color: 0.003 lux to F1.0
DAY/NIGHT	True Day/Night	True Day/Night	True Day/Night	True Day/Night	Color, B/W
WIDE DYNAMIC RANGE (WDR)	DWDR	DWDR	True WDR (120dB)	True WDR (120 dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	98ft (30m)	98ft (30m)	98ft (30m)	Basic Night Color; Smart Dual Illumination IR: 98ft (30m) Warm Light: 49ft (15m)	Enhanced Night Color White-light: 98ft (30m)
VIDEO COMPRESSION (MAIN STREAM)	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	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG	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)
MAXIMUM RESOLUTION	1080p (1920 x 1080)	4MP (2560 x 1440)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	30fps at 1080p	30fps at 4MP	20fps at 4MP	20fps at 4MP	30fps at 4MP
MULTI-STREAMING	2 streams	2 streams	2 streams	2 streams	3 streams
INTELLIGENT VIDEO	Tripwire, Intrusion	Standard Motion	Tripwire, Intrusion	Premium IVS, Analytics+ Functions — Perimeter Protection, Intelligent Search, Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S, T), CGI	ONVIF (Profile S, T), CGI, P2P, SDK, API	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, T), CGI, P2P, SDK, API	ONVIF (Profile S, G, T), CGI, P2P
AUDIO IN/OUT	—	—	N/A: Bullet Built-in Microphone: Eyeball	Built-in Microphone	1/1 + Built-in Microphone: Bullet Built-in Microphone: Eyeball
MEMORY SLOT	Micro SD, Max 256GB	—	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	—	—	—	—	1/1
ENVIRONMENTAL PROTECTION	IP67, IK10	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)
POWER	12 VDC, PoE (802.3af, Class 0) <4.5W	Basic: 1.6 W (12 VDC), 2.4 W (PoE) Max: 3.6 W (12 VDC), 4.7 W (PoE)	12 VDC or PoE (802.3af, Class 0) Max <5W: N42BD32 / <6.6W: N42BJ62 / -B	12 VDC or PoE (802.3af, Class 0) Max <5.2 W	12 VDC or PoE (802.3af, Class 0) Max <8.4 W

NETWORK CAMERAS

					
MODEL	N43BU82 N43BU83 N43BX82	N43CB62 N43CG62 N43CG62-B N43CL62 N43CL62-B N43CN62	N43BX8Z	N43CF6Z N43CM6Z N43CJ6Z	N53CB62 N53CG62 N53CL62
INNOVATIVE FEATURES					
IMAGE SENSOR	1/2.7 -in. 4MP CMOS	1/3-in. 4MP CMOS	1/2.8-in. 4K (8MP)	1/3-in. 4MP CMOS	1/2.7-in. 5MP CMOS
LENS	2.8mm: N43BX82, N43BU82 3.6mm: N43BU83	2.8mm	2.7mm to 13.5mm, Motorized	2.7mm to 13.5mm, Motorized	2.8mm
HORIZONTAL FIELD OF VIEW	101°	N43CG62, N43CG62-B: 102°; N43CN62, N43CB62, N43CL62, N43CL62-B: 107°	108° to 34°	104° to 29°	N53CB62, N53CL62: 111° N53CG62: 97°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.003 lux to F1.0	Enhanced Starlight Color: 0.005 lux to F1.4 B/W: 0.0005 lux /F1.4 0 lux at F1.4 (IR on)	Enhanced Starlight Color: 0.004 lux to F1.0	Enhanced Starlight Color: 0.005 lux at F1.5 B/W: 0.0005 lux to F1.5 0 lux at F1.5 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.4 B/W: 0.0005 lux /F1.4 0 lux at F1.4 (IR on)
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)
MAXIMUM IR DISTANCE	Smart Dual Illumination IR: 98ft (30m) / White-light LED: 98ft (30m)	164ft (50m) N43CN62: 98ft (30m)	Smart Dual Illumination IR: 164ft (50m) / White-light LED: 131ft (40m)	N43CM6Z, N43CJ6Z: 131ft (40m) N43CF6Z: 196ft (60m)	164ft (50m)
VIDEO COMPRESSION (MAIN STREAM)	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, H.264B, H.264H, (MJPEG substream)	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, H.264B, H.264H, (MJPEG substream)	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, (MJPEG substream)
MAXIMUM RESOLUTION	4MP (2688 x 1520)	4MP (2688 x 1520)	4K (3840 x 2160)	4MP (2688 x 1520)	5MP (2592 x 1944)
FRAME RATE	30fps at 4MP	30fps at 4MP	30fps at 4K	30fps at 4MP	20fps at 5MP
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	3 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	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+
COMPATIBILITY	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P, SDK, API	ONVIF (Profile S, G , T), CGI, P2P	ONVIF (Profile S, G , T), CGI, P2P
AUDIO IN/OUT	1/1 + Two (2) Built-in Microphones + Built-in Speaker	N43CG62, N43CG62-B: Built-in Microphone only N43CB62, N43CL62, N43CL62-B, N43CN62: 1/1 + Built-in Microphone	1/1 + 2x Built-in Microphones + Built-in Speaker	1/1	N53CG62: Built-in Microphone N53CB62, N53CL62: 1/1
MEMORY SLOT	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, Sound and Light Alarm (Red and Blue Lights)	N43CG62, N43CG62-B, N43CL62, N43CL62-B: 1/1	1/1	1/1	N53CB62, N53CL62: 1/1
ENVIRONMENTAL PROTECTION	IP67	IP67 IK10 (N43CL62, N43CL62-B only)	IP67	IP62 IK10 (N43CM6Z Only)	IP67 IK10 (N53CL62 Only)
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)	-30° C to +60° C (-22° F to +140° F	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC or PoE (802.3af, Class 0) Max <8.6 W: Eyeball, Max <9.7 W: Bullet	12 VDC or PoE (IEEE 802.3af, Class 0): N43CN62, N43CB62: Max < 7.2 W PoE N43CG62(-B): Max < 7.9 W PoE N43CL62(-B): Max < 8.3 W	12 VDC or PoE (802.3af, Class 0) Max <12 VDC: 7.9 W PoE: 9.8 W	12 VDC or PoE N43CJ6Z: < 8.5 W, N43CF6Z, N43CM5Z: < 9.2 W	12 VDC or PoE (IEEE 802.3af, Class 0) Max. PoE < 6.5 W (Bullet), < 8.9 W (Eyeball), < 9.7 W (Dome)

NETWORK CAMERAS



MODEL	N53CF6Z N53CM6Z N53CJ6Z	N82AL32	N81CJ02	N82DJS2 N82DDS2	N83BU82
INNOVATIVE FEATURES	LiteSeries WizSense	LiteSeries	LiteSeries E-VU	LiteSeries WizSense	LiteSeries TiOC
IMAGE SENSOR	1/2.7-in. 5MP CMOS	1/2.7-in. 4K (8MP) CMOS	1/2.7 -in. 4K (8MP) CMOS	1/2.7 -in. 4K (8MP) CMOS	1/2.8-in. 4K (8MP) CMOS
LENS	2.7 mm to 13.5 mm, Motorized	2.8mm	2.8 mm	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	N53CF6Z, N53CJ6Z: 99° to 28° N53CM6Z: 114° to 32°	105°	105°	111°	106°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux at F1.5 / B/W: 0.0005 lux at F1.5, 0 lux at F1.5 (IR on)	Basic Starlight Color: 0.009 lux to F2.0 0 lux to F2.0 (IR on)	Color: 0.04 lux to F2.0 0 lux (IR on)	Color: 0.008 lux to F1.6 0 lux (IR on)	Enhanced Starlight Color: 0.004 lux to F1.0 0 lux to F1.0 (IR on)
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)	DWDR	True WDR (120 dB)	True WDR (120 dB)
MAXIMUM IR DISTANCE	N53CJ6Z, N53CM6Z: 131ft (40m) N53CF6Z: 196ft (60m)	98ft (30m)	98ft (30m)	Basic Night Color; Smart Dual Illumination IR: 98ft (30m), Warm Light: 98ft (30m)	Smart Dual Illumination IR: 98ft (30m) Warm Light: 49ft (15m)
VIDEO COMPRESSION	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, (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+, Smart H.264+, H.264H, H.265, H.264, H.264B, MJPEG
MAXIMUM RESOLUTION	5MP (2960 x 1668)	8MP (3840 x 2160)	8MP (3840 x 2160)	8MP (3840 x 2160)	4MP (2688 x 1520)
FRAME RATE	20fps at 5MP	15fps at 4K 30fps at 4MP	15fps at 4K 30fps at 4MP	30fps at 4K	20fps at 4MP
MULTI-STREAMING	3 streams	2 streams	2 streams	2 streams	2 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Tripwire, Intrusion	Premium IVS Functions — Motion Detection	Analytics+ Functions — Perimeter Protection and Smart Motion Detection+	Premium IVS, Analytics+ Functions — Perimeter Protection, Intelligent Search, and Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, T), CGI, P2P, SDK, API	ONVIF (Profile S, T), CGI, P2P, SDK, API	ONVIF (Profile S, T), CGI, P2P, SDK, API
AUDIO IN/OUT	N53CJ6Z: Built-in Microphone N53CCF6Z, N53CM6Z: 1/1	—	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
ALARM IN/OUT	N53CCF6Z, N53CM6Z: 1/1	—	—	—	—
ENVIRONMENTAL PROTECTION	IP67 IK10 (N53CM6Z only)	IP67, IK10	IP67	IP67	IP67
WORKING TEMPERATURE	-30° C to +60° C (-22° F to +140° F)	-40°F to 140°F (-40°C to 60°C)	-40°F to 131°F (-40°C to 55°C)	-40°C to +55°C (-40°F to +131°F)	-40°F to 140°F (-40°C to 60°C)
POWER	12 VDC or PoE (IEEE 802.3af) N53CF6Z: < 8.5 W / N53CM6Z: < 10.5 W N53CJ6Z: < 10.2 W	12 VDC (±30%) or PoE (802.3af, Class 0) < 6.2 W	12 VDC or PoE (802.3af) Max 4.6 W	12 VDC or PoE (802.3af), Max: <5 W (12 VDC), 5.9 W (PoE)	12 VDC or PoE (802.3af) Max 5.2 W

NETWORK CAMERAS



MODEL	N83BX8Z	DH-IPC-HDBW5231EN-ZE-HDMI	N45DUD2	N45FY62 N45FJ62	N45EFN2 N45EYN2 N45EJN2
INNOVATIVE FEATURES	LiteSeries WizSense T10C	ProSeries	ProSeries WizMind	ProSeries WizMind ACUPICK	ProSeries WizMind
IMAGE SENSOR	1/2.8-in. 8MP CMOS	1/2.8 -in. 2MP CMOS	2 x 1/1.8 -in. 4MP CMOS	1/1.8 -in. 4MP CMOS	1/1.8 -in. 4MP CMOS
LENS	2.7 mm to 13.5 mm, Motorized	2.7mm to 13.5mm, Motorized	2 x 2.8mm	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	108° to 34°	101° to 31°	97°	112°	107°
MINIMUM ILLUMINATION	Enhanced Starlight Technology Color: 0.004 lux at F1.0 B/W: 0.0004 lux at F1.0 0 lux at F1.0 (IR on)	Enhanced Starlight Color: 0.006 lux at F1.6 0 lux at F1.6 (IR on)	Color: 0.0002 lux at F1.0	Starlight+ Color: 0.0007 lux at F1.6	Color: 0.0005 lux at F1.0
DAY/NIGHT	True Day/Night	True Day/Night	Color, B/W	True Day/Night	Color (default) Electronic Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	DWDR	Ultra WDR (140dB)	Ultra WDR (140dB)
MAXIMUM IR DISTANCE	Smart Dual Illumination IR: 164ft (50m) White Light: 131ft (40m)	164ft (50m)	Night Color+ Fusion 164ft (50m), White-light	164ft (50m)	Enhanced Night Color White-light LEDs: 131ft (40m); Bullet, 65ft (20m); Dome, Eyeball
VIDEO COMPRESSION	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)	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, MJPEG
MAXIMUM RESOLUTION	8MP (3840 x 2160)	1080p (1920 x 1080)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	30fps at 4K	30fps at 1080p	30fps at 4MP	30fps at 4MP	30fps at 4MP
MULTI-STREAMING	3 streams	3 streams	3 streams	4 streams	3 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection, Smart Motion Detection+	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, and Smart Motion Detection+	Premium IVS, Analytics+ Functions — AcuPick, Perimeter Protection, Smart Plan Schedule, People Counting, Face Detection, SMD+, AI SSA, Queue Mgt	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S, G, T), SDK, API, CGI, P2P	ONVIF (Profile S, G), API	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI; P2P
AUDIO IN/OUT	Two (2) Built-in Microphones	1/1	1/1, + Built-in Microphone + Built-in Speaker	1/1, + Built-in Microphone	1/1 + Built-in Microphone: Bullet, Dome Built-in Microphone: Eyeball
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 256GB
ALARM IN/OUT	One (1) Built-in Speaker	1/1	1/1	1/1	1/1: Bullet, Dome N/A: Eyeball
ENVIRONMENTAL PROTECTION	IP67	IP67, IK10	IP67	IP67, (IK10 Dome)	IP67, (IK10 Dome)
WORKING TEMPERATURE	-30 °C to 60 °C (-22 °F to 140 °F)	-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 or PoE (802.3af, Class 0) Max: <9.8 W	12 VDC, 24 VAC, or PoE+ (802.3at, Class 4), ePoE Max <11.8 W	12 VDC or PoE (802.3af, Class 0) Max < 10.5 W	12 VDC or PoE (802.3af, Class 0), ePoE PoE Max <9.7 W: Dome, Eyeball	12 VDC, PoE (802.3af, Class 0), ePoE Max <8.4 W: Bullet, Max <7.9 W: Dome, Eyeball

NETWORK CAMERAS

					
MODEL	N45FL7Z N45FB7Z N45FJ6Z	N45EFNZ N45EYNZ	DH-IPC-HDBW5442HN-ZHE	N55DY82 N55DU82	N85FY62 N85FF62 N85FJ62
INNOVATIVE FEATURES					
IMAGE SENSOR	1/1.8 -in. 4MP CMOS	1/1.8 -in. 4MP CMOS	1/1.8 -in. 4MP CMOS	1/2.7 -in. 5MP CMOS	1/1.8 -in. 4K (8MP) CMOS
LENS	2.7mm to 12mm, Motorized	2.7mm to 12mm, Motorized	2.7mm to 12mm, Motorized	2.8mm	2.8mm
HORIZONTAL FIELD OF VIEW	115° to 47°: Dome, Bullet, Eyeball	114° to 48°: Bullet 115° to 48°: Dome	107° to 44°	98°	110°: Bullet, Dome 111°: Eyeball
MINIMUM ILLUMINATION	Starlight+ Color: 0.0007 lux to F1.8 0 lux to F1.8 (IR on)	Color: 0.0005 lux at F1.0	Starlight+ Color: 0.003 lux to F1.8 0 lux to F1.8 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6 (IR on)	Starlight+ Color: 0.0007 lux to F1.6: Dome Color: 0.0008 lux to F1.6: Bullet, Eyeball 0 lux to F1.6 (IR on)
DAY/NIGHT	True Day/Night	Color, B/W	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	Ultra WDR (140dB)	Ultra WDR (140dB)	Ultra WDR (140dB)	True WDR (120dB)	True WDR (120dB)
MAXIMUM IR DISTANCE	197ft (60m): Bullet 131ft (40m): Dome, Eyeball	Enhanced Night Color White-light LEDs: 230ft (70m) Bullet, 131ft (40m): Dome	131ft (40m)	Smart Dual Illumination: IR: 98ft (30m): Dome, 65ft (20m): Eyeball White Light: 49ft (15m): Dome, Eyeball	164ft (50m): Bullet, Eyeball, Dome
VIDEO COMPRESSION	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+, H.265, Smart H.264+, H.264 (MJPEG substream)	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, H.264H (MJPEG substream)
MAXIMUM RESOLUTION	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	5MP (2592 x 1944)	8MP (3840 x 2160)
FRAME RATE	30fps at 4MP	30fps at 4MP	30fps at 4MP 60fps at 1080p	20fps at 5MP 30fps at 4MP	30fps at 8MP
MULTI-STREAMING	4 streams	3 streams	3 streams	3 streams	4 streams
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — AcuPick, Perimeter Protection, Smart Plan Schedule, People Counting, Face Detection, SMD+, AI SSA, Queue Mgt	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, 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, Face Mask Detection, and Smart Motion Detection+	Premium IVS, Analytics+ Functions — AcuPick, EPTZ, Perimeter Protection, Smart Plan Schedule, People Counting, Face Detection, SMD+, AI SSA, Queue Mgt
COMPATIBILITY	ONVIF (Profile, S, G, T), CGI, P2P	ONVIF (Profile, S, G, T), CGI, P2P	ONVIF (Profile, S, G, T), CGI, P2P	ONVIF (Profile, S, G, T), CGI, SDK; API	ONVIF (Profile, S, G, T), CGI, P2P
AUDIO IN/OUT	1/1 + Microphone: Bullet, Dome Microphone Only: Eyeball	1/1 + Built-in Microphone: Bullet, Dome Built-in Speaker: Dome	1/1	1/1 + Built-in Microphone: Dome, Eyeball Built-in Speaker: Dome	1/1 + Built-in Microphone: Bullet, Dome, Eyeball
MEMORY SLOT	Micro SD, Max 512GB	Micro SD, Max 256GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 512GB
ALARM IN/OUT	2/1: Bullet, Dome	1/1	3/2	1/1	1/1: Bullet, Dome, Eyeball
ENVIRONMENTAL PROTECTION	IP67, (IK10 Bullet, Dome)	IP67, (IK10 Dome)	IP67, IK10, NEMA Type 4X	IP67, (IK10 Dome)	IP67, (IK10 Bullet, Dome)
WORKING TEMPERATURE	-40°F to 140°F (-40°C to 60°C) Bullet, Dome -22°F to 140°F (-30°C to 60°C) Eyeball	-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, PoE (802.3af), ePoE, (24 VAC Dome only), Max PoE: <12.3 W: Bullet, Dome; 8.2 W: Eyeball	12 VDC, PoE (802.3af, Class 0), ePoE Max <10.9 W: Bullet Max <10.5 W: Dome	12 VDC, 24 VAC, PoE (802.3af, Class 0), ePoE Max 11.9 W	12 VDC or PoE (802.3af, Class 0), ePoE Max <8.6 W: Bullet, Max <8.7 W: Dome	12 VDC, PoE (802.3af, Class 0), ePoE Max PoE: 8.8 W Dome, Eyeball; 9.8 W Bullet

NETWORK CAMERAS

		NEW 			NEW 
MODEL	N85EFN2 N85EUN2	N85FL7Z N85FB7Z N85FJ6Z	DH-IPC-HFW5842EN-Z4E-S2 DH-IPC-HDBW5842EN-Z4E-S2	DH-IPC-HFW7442HN-ZFR DH-IPC-HDBW7442HN-ZFR	DH-IPC-HFW7442H-Z-X
INNOVATIVE FEATURES	ProSeries Wiz Mind	ProSeries Wiz Mind ACUPICK	ProSeries Wiz Mind	UltraSeries Wiz Mind	Ultra Series Wiz Mind
IMAGE SENSOR	1/1.2-in. 4K (8MP) CMOS	1/1.8-in. 4K (8MP) CMOS	1/2.5-in. 4K (8MP) STARVIS™ CMOS	1/1.8-in. 4MP CMOS	1/1.8-in. 4MP CMOS
LENS	2.8mm	2.7mm to 12mm, Motorized	8mm to 32mm, Motorized	2.7mm to 12mm, Motorized	2.7mm to 12mm, Motorized
HORIZONTAL FIELD OF VIEW	112° 102°	115° to 47° Dome 113° to 47° Bullet, Eyeball	38° to 14°	111° to 47°	107° to 48°
MINIMUM ILLUMINATION	Color: 0.0005 lux at F1.0	Starlight+ Color: 0.0008 lux at F1.8 0 lux at F1.8 (IR on)	Color: 0.05 lux at F1.4 0 lux at F1.4 (IR on)	Starlight+ Color: 0.001 lux at F1.2 0 lux at F1.2 (IR on)	Starlight+ Color: 0.0005 lux at F1.2
DAY/NIGHT	Color, B/W	True Day/Night	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	Ultra WDR (140dB)	True WDR (120dB)	True WDR (120dB)	Ultra WDR (140dB)	Ultra WDR (140dB)
MAXIMUM IR DISTANCE	Enhanced Night Color 131ft (40m) White-light LEDs	197ft (60m): Bullet, 131ft (40m): Dome, Eyeball	328ft (100m)	164ft (50m): Bullet 131ft (40m): Dome	197ft (60m)
VIDEO COMPRESSION	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, 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, H.264B, H.264H, (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)
MAXIMUM RESOLUTION	8MP (3840 x 2160)	8MP (3840 x 2160)	8MP (3840 x 2160)	4MP (2688 x 1520)	4MP (2688 x 1520)
FRAME RATE	30fps at 8MP	30fps at 8MP	15fps at 4K 30fps at 3MP	60fps at 4MP	30fps at 4MP
MULTI-STREAMING	3 streams	4 streams	3 streams	5 streams	5 streams
INTELLIGENT VIDEO	Perimeter Protection, People Counting, Face Detection, Smart Motion Detection+	Premium IVS, Analytics+ Functions — AcuPick, EPTZ, Perimeter Protection, Smart Plan Schedule, People Counting, Face Detection, SMD+, AI SSA, Queue Mgt	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object	Analytics+ (People Counting, Perimeter Protection, Image Attribute Extraction)	PPE, Perimeter Protection, People Counting, Face Detection+, Heat Map, Privacy Protection
COMPATIBILITY	ONVIF (Profile, S, G, T), CGI, P2P	ONVIF (Profile, S, G, T), CGI, P2P	ONVIF, PSIA, CGI	ONVIF Profile S and G, CGI, P2P, RTMP	ONVIF (Profile S, G, T), CGI, P2P, RTMP
AUDIO IN/OUT	1/1, Built-in Microphone; Speaker: Bullet only	1/1 + Built-in Microphone: Bullet, Dome Microphone Only: Eyeball	1/1	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 512GB
ALARM IN/OUT	1/1	2/1: Dome, Bullet	2/1: Bullet 1/1: Dome	3/2	3/2
ENVIRONMENTAL PROTECTION	IP67	IP67, (IK10 Bullet, Dome)	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): Bullet, Dome -22°F to 140°F (-30°C to 60°C) Eyeball	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 149°F (-40°C to 65°C)
POWER	12 VDC ±30%, PoE (802.3af, Class 0), or ePoE PoE Max: 9.4 W: Bullet; 10.5 W: Eyeball	12 VDC, PoE (802.3af, Class 0), ePoE Max PoE: 12.2 W: Dome; 9.0 W: Eyeball; 12.8 W: Bullet	12 VDC or PoE (802.3af, Class 0), ePoE Max <12.95 W: Bullet Max <15 W: Dome	12 VDC, 24 VAC, or PoE (802.3af, Class 0) ePoE, Max <17.3 W: Bullet Max <16.7 W: Dome	12 VDC, 24VAC, PoE+ or PoE (802.3af, Class 0), PoE Max 24.3 W

NETWORK CAMERAS



MODEL	N55CS5	N55CT5	DH-IPC-EBW81242N-AS-S2	N88BR5V	DH-IPC-HDBW5441FN-AS-E2
INNOVATIVE FEATURES	ProSeries Wiz Mind	ProSeries Wiz Mind	UltraSeries Wiz Mind	UltraSeries Wiz Mind	Wiz Mind
IMAGE SENSOR	1/2.7-in. 5MP CMOS	1/2.7-in. 5MP CMOS	1/1.7-in. 12MP CMOS	1/1.7-in. 4K (8MP) CMOS	1/2.7-in. 4MP CMOS per sensor (2 independent sensors)
LENS	1.4mm	1.4mm	1.85mm	Immersion Panamorph Lens RPL: B9VVT 1.29mm	Two (2) 2.8mm Fixed Lenses
HORIZONTAL FIELD OF VIEW	180° / Original, Panoramic, Double Panoramic, 1+3, E-PTZ, 4 Pictures	180° / Original, Panoramic, Double Panoramic	360° / Original, Panoramic, 4 Regions	360° / Original, Panoramic, 4 Regions	95°
MINIMUM ILLUMINATION	Color: 0.006 lux at F2.0	Color: 0.006 lux at F2.0 0 lux at F2.0 (IR on)	Color: 0.01 lux at F2.0 0 lux at F2.0 (IR on)	Color: 0.01 lux at F2.0 0 lux at F2.0 (IR on)	Enhanced Starlight Color: 0.005 lux at F1.6 0 lux at F1.6 (IR on)
DAY/NIGHT	Electronic Day Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)	DWDR	DWDR	True WDR (120dB)
MAXIMUM IR DISTANCE	—	33ft (10m)	33ft (10m)	33ft (10m)	98ft (30m) 8 LEDs per sensor
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (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.264H, MJPEG	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, 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)	5MP (2592 x 1944)	12MP (4000 x 3000)	8MP (3280 x 2480)	4MP per sensor
FRAME RATE	30fps at 5MP	30fps at 5MP	25fps at 12MP	30fps at 8MP	30fps at 4MP per sensor
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams	3 streams per sensor
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Heat Map	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Heat Map	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	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Queue Management, Face Detection, Smart Motion Detection+
COMPATIBILITY	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, P2P, API, SDK
AUDIO IN/OUT	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1 + Built-in Microphone and Built-in Speaker	1/1 + Built-in Microphone and Built-in Speaker	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
ALARM IN/OUT	1/1	1/1	2/2	2/2	1/1
ENVIRONMENTAL PROTECTION	IP67, IK10	—	IP67, IK10	IP67, IK10	IP67, IK10
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 131°F (-40°C to 55°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 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	12 VDC or PoE (802.3af, Class 0) <6.6 W

NETWORK CAMERAS

					
MODEL	DH-PSDW81642M-A360	DH-IPC-PFW83242-A180-S2*	DH-IPC-PDW5849-A180-E2-ASTE DH-IPC-PFW5849-A180-E2-ASTE	DH-IPC-PDBW82041-B360-S2	DH-IPC-PDBW5831N-B360
INNOVATIVE FEATURES	UltraSeries WizMind	UltraSeries WizMind	UltraSeries WizMind	UltraSeries WizMind	UltraSeries
IMAGE SENSOR	Panoramic: 8 x 1/1.8-in. 2MP CMOS PTZ: 1/1.8-in. 4MP CMOS	Four (4) 1/1.8-in. 8MP CMOS Sensors (4 sensors total)	Dual 1/1.8-in. 4MP CMOS (4 sensors total)	1/2.7 -in. 5MP CMOS per Sensor (4 sensors total)	1/2.8 -in. 2MP STARVIS™ CMOS per sensor (4 independent sensors)
LENS	Panoramic: 5mm PTZ: 5.6mm to 223mm	2.8mm	3.6mm	2.8mm to 12mm, Motorized	2.7mm to 12mm, Motorized
HORIZONTAL FIELD OF VIEW	Panoramic: 360° PTZ: 61° to 2°	180°	55.8° to 2.9°	100° to 42° (per lens)	105° to 44°
MINIMUM ILLUMINATION	Panoramic: 0.01 lux at F2.0 PTZ: 0.008 lux at F1.3	Enhanced Starlight Color: 0.005 lux at F1.6 0 lux to F1.6 (IR on)	Enhanced Night Color Color: 0.005 lux at F1.0 B/W 0.0005 lux at F1.0 / 0 lux at F1.0 (IR on)	Enhanced Starlight Color: 0.005 lux at F1.7 0 lux at F1.7 (IR on)	Enhanced Starlight Color: 0.005 lux at F1.8 0 lux at F1.8 (IR on)
DAY/NIGHT	True Day/Night	True Day/Night	Color, B/W	True Day/Night	True Day/Night
WIDE DYNAMIC RANGE (WDR)	DWDR	DWDR	Ultra WDR (140dB)	DWDR (all channels)	Ultra WDR (140dB, Channel 1) DWDR remaining channels
MAXIMUM IR DISTANCE	1312ft (400m)	98ft (30m)	131ft (40 m)	98ft (30m)	98ft (30m) 2 LEDs per sensor
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)
MAXIMUM RESOLUTION	Panoramic: 8192 x 1800 PTZ: 4MP (2560 x 1440)	8MP per Sensor (4 sensors total)	8MP per Sensor	5MP per Sensor (4 sensors total)	2MP per sensor (4 sensors total)
FRAME RATE	Panoramic Camera: 30fps at 8192 x 1800 PTZ Camera: 30fps at 4MP	30fps at 8192 x 3840 total output (32MP)	20fps at 4096 x 1800 WDR on 25fps at 4096 x 1800 WDR off	30fps at 5MP per sensor	25fps at 1080p per sensor
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams per sensor	2 streams per sensor
PAN/TILT/ZOOM	Pan: 0° to 360°, endless Tilt: -20° to 90° Auto flip: 180°	Pan: 0° to 355° Tilt: 0° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 4° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 75° Rotation: 0° to 355°	Pan: 0° to 360° Tilt: 0° to 80° Rotation: 0° to 355°
PRESET SPEED	Pan: 0.1° /s to 240° /s Tilt: 0.1° /s to 120° /s	—	—	—	—
INTELLIGENT VIDEO	Motion, Tripwire, Intrusion, Smart Tracking	Premium IVS, Analytics+ Functions — Crowd Density and Vehicle Density	Premium IVS, Analytics+ Functions — Perimeter Protection, Smart Object Detection, People Counting, Smart Motion Detection	Premium IVS, Analytics+ Functions — Perimeter Protection, Face Detection, Advanced People Counting, Queue Management	Motion, Tripwire, Intrusion, Scene Change
COMPATIBILITY	ONVIF (Profile G) CGI	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, G, T), CGI, SDK, API	ONVIF (Profile S, G, T), CGI	ONVIF, CGI
AUDIO IN/OUT	2/2	1/1	—	1/1	1/1
MEMORY SLOT	Micro SD, Max 512GB (panoramic only)	Micro SD, Max 256GB	MicroSD Card Max. 512 GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	7/3	2/2	—	3/2	1/1
ENVIRONMENTAL PROTECTION	IP66	IP67, IK10	IP67	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-40°F to 158°F (-40°C to 70°C)	-40°F to 140°F (-40°C to 60°C)	-40 °C to +60 °C (-40 °F to +140 °F)	-22°F to 140°F (-30°C to 60°C)	-22°F to 140°F (-30°C to 60°C)
POWER	36 VDC Max < 84.4 W	12 VDC, 24 VAC or PoE+ (802.3at, Class 4), Max 10.6 W (12 VDC); 11.9 W (24VAC); 11.9 W (PoE)	12 VDC, PoE+ (802.3at, Class 4, ePoE) 12 VDC: Max 4.8 W, 5.5 W (PoE) Eyeball 12 VDC: Max 21.3 W, 5.5 W (PoE) Bullet	12 VDC or PoE+ (802.3at, Class 4) 12 VDC: Max 21.3 W PoE+: Max 24.7 W	24 VAC or PoE+ (802.3at, Class 4) 24 VAC: 9.9 W, 31.2 W with IR on PoE+: 10.6 W, 23.8 W with IR on

NETWORK CAMERAS



MODEL	22204UENI	1A404XBNR	4A425DBNR	52C432XANR: 4MP	52C232XANR: 2MP	6CE445GBNR
INNOVATIVE FEATURES	LiteSeries	LiteSeries WizSense	LiteSeries WizSense	ProSeries WizSense	ProSeries WizSense	ProSeries WizSense
IMAGE SENSOR	1/2.8-in. 2MP STARVIS™ CMOS	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. STARVIS™ CMOS		1/2.8-in. 4MP STARVIS™ CMOS
LENS	2.7mm to 11mm (4x Optical Zoom)	2.8mm to 12mm (4x Optical Zoom)	5mm to 125mm (25x Optical Zoom)	4.9mm to 156mm (32x Optical Zoom)		3.95mm to 177.75mm (45x Optical Zoom)
HORIZONTAL FIELD OF VIEW	112.5° to 30°	96.9° to 31.6°	-	61.6° to 2.1°	62.8° to 2.2°	70.3° to 1.8°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux at F1.6 B/W: 0.0005 lux at F1.6	Enhanced Starlight Color: 0.005 lux at F1.8 0 lux at F1.8 (IR on)	Enhanced Starlight Color: 0.005 lux at F1.6 B/W: 0.0005 lux at F1.6	Enhanced Starlight Color: 0.005 lux at F1.35		Enhanced Starlight Color: 0.005 lux at F1.6 0 lux at F1.6 (IR on)
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)
MAXIMUM IR DISTANCE	—	49ft (15m)	328ft (100m)	—		820ft (250m)
VIDEO COMPRESSION (MAIN STREAM)	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 substream)	H.264H, H.264B, Smart H.264+, Smart H.265+, H.264, H.265, (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264M, H.264H, (MJPEG substream)		AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, (MJPEG substream)
MAXIMUM RESOLUTION	1080p (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440) 1080p (1920 x 1080)		4MP (2560 x 1440)
FRAME RATE	30fps at 1080p	30fps at 4MP	30fps at 4MP	30fps at 4MP	60fps at 1080p	30fps at 4MP
MULTI-STREAMING	3 streams	3 streams	3 streams	3 streams		3 streams
PAN/TILT/ZOOM	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° Tilt: -5° to 90°	300 Presets, Pan: 0° to 360° endless; Tilt: 0° to 90°, Auto Flip 180°		300 Presets, Pan: 0° to 360° endless; Tilt: -20° to 90°, Auto Flip 180°
PRESET SPEED	Pan: 100° /s; Tilt: 60° /s	Pan: 80° /s; Tilt: 40° /s	Pan: 240° /s; Tilt: 160° /s	Pan: 500° /s; Tilt: 500° /s		Pan: 300° /s; Tilt: 200° /s
INTELLIGENT VIDEO	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)	Analytics+ (Perimeter Protection, Smart Motion Detection) Human Auto-tracking	Analytics+ (Perimeter Protection, Smart Motion Detection+, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)		Analytics+ (Perimeter Protection, Face Detection, Upgraded Smart Motion Detection+, Auto-tracking+)
COMPATIBILITY	ONVIF, PSIA, CGI	ONVIF, CGI	ONVIF (Profile S, G, T), P2P, CGI, SDK	ONVIF Profile S, G, T; CGI		RTMP, CGI, SDK, ONVIF (Profile S, G, T), P2P
AUDIO IN/OUT	—	1/1	1/1	1/1		1/1
MEMORY SLOT	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 64GB	Micro SD, Max 256GB		Micro SD, Max 512GB
ALARM IN/OUT	—	—	2/1	2/1		7/2
ENVIRONMENTAL PROTECTION	IP66, IK10	IP66, IK08	IP66	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 149°F (-40°C to 65°C)	-22°F to 140°F (-30°C to 60°C)		-40°F to 158°F (-40°C to 70°C)
POWER	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	12 VDC/2 A ± 10% (included), PoE+ (802.3at) 9.5 W, MMax 21.5 W (Illuminator + Fan + PTZ)	24 VDC, 2.5 A or PoE+ (802.3at, Class 4) 10 W, Max 16 W with IR on		24 VDC, 2.5A ±25% or PoE+ (802.3at, Class 4) 13 W, 25 W with IR and heater on

NETWORK CAMERAS

								
MODEL	5A825GANR: 8MP	5A445XANR: 4MP	49425GBNR	50432XANR: 4MP	50232XANR: 2MP	6C3425XPBV	6AL445XANR	8A840PANF
INNOVATIVE FEATURES								
IMAGE SENSOR	1/1.8-in. 8MP CMOS	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. 4MP CMOS	1/2.8-in. STARVIS™ CMOS 4MP 2MP		1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. 4MP CMOS	1/2.8-in. 8MP STARVIS™ CMOS
LENS	5.4 mm to 135.0 mm (25x Optical Zoom)	3.95mm to 177.7mm (45x Optical Zoom)	4.8mm to 120mm (25x Optical Zoom)	4.9mm to 156mm (32x Optical Zoom)		4.8 mm–120 mm (25x Optical Zoom)	3.95mm to 177.7mm (45x Optical Zoom)	5.6mm to 223mm (40x Optical Zoom)
HORIZONTAL FIELD OF VIEW	61.6° to 3.6° : 8MP	70.3° to 1.8°: 4MP	53.1° to 3.4°	61.6° to 2.1°	62.8° to 2.2°	55.8° to 2.9°	70.3° to 1.8°	63.9° to 2°
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6 (IR on)		Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.35		Basic Starlight Color: 0.005 lux to F1.6 0 lux to F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.4 0 lux to F1.4 (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)	True WDR (120dB)
MAXIMUM IR DISTANCE	492ft (150m)		328ft (100m)	—		Smart Dual Illumination IR: 492ft (150m), White Light: 164ft (50m)	1804ft (550m)	1640ft (500m)
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, (MJPEG substream)		AI Coding, 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.264M, H.264H, (MJPEG substream)		Smart H.265+, H.265, Smart H.264+, H.264B, H.264H, H.264M, (MJPEG substream)	Smart H.265+, H.265, Smart H.264+, H.264	Smart H.265+, H.265, Smart H.264+, H.264, (MJPEG substream)
MAXIMUM RESOLUTION	8MP (3840 x 2160)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440	1080p (1920 x 1080)	4MP (2560 x 1440)	4MP (2560 x 1440)	8MP (3840 x 2160)
FRAME RATE	30fps at 8MP	30fps at 4MP	30fps at 4MP	30fps at 4MP 60fps at 1080p		30fps at 4MP/3MP/1080p	30fps at 4MP	30fps at 8MP
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: 0° 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: -30° to 90°, Auto Flip 180°
PRESET SPEED	Pan: 400°/s; Tilt: 300°/s		Pan: 240° /s; Tilt: 200° /s	Pan: 500° /s; Tilt: 500° /s		Pan: 240° /s; Tilt: 150° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 120° /s
INTELLIGENT VIDEO	Analytics+ Perimeter Protection, Smart Motion Detection; Auto-tracking: 8MP, Alarm Track: 4MP		Analytics+ (Perimeter Protection, Smart Motion Detection, Face Detection) Premium IVS (Motion, Abandoned/Missing Object)	Analytics+ (Perimeter Protection, Smart Motion Detection+, Face Detection) Premium IVS (Motion, Abandoned/Missing Object, Auto-tracking)		Analytics+ (Perimeter Protection, Face Detection, Smart Motion Detection+), Premium IVS (Motion, Scene Change, Abandoned/Missing Object, Auto-track)	Tripwire, Intrusion, Scene Change, Abandoned/Missing Object, Face Detection**, Heat Map, Auto-tracking	Scene Change, Abandoned/Missing Object, Perimeter Protection, Face Detection**, Auto-tracking
COMPATIBILITY	ONVIF (Profile S, G, T)	ONVIF (Profile S, G) CGI	RTMP, CGI, SDK, ONVIF (Profile S, G, T), P2P	ONVIF (Profile S, G, T), CGI		ONVIF (Profile S, G, T)	ONVIF, PSIA, 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 512GB	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 256GB		Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 128GB
ALARM IN/OUT	2/1		2/1	2/1		2/1	7/2	7/2
ENVIRONMENTAL PROTECTION	IP67, IK10		IP66	IP67, IK10		IP66	IP67	IP67
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 140°F (-40°C to 60°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)
POWER	24 VDC/2.5 A ± 25% or PoE+ (802.3at, Class 4) 12 W, 21 W with IR on	24 VAC, 3 A ± 25% or PoE+ (802.3at, Class 4) 13 W, 23 W with IR on	12 VDC/ 3 A ± 10% or PoE (802.3at, Class 4) 9 W, 20 W with IR+Alarm+PTZ on	24 VDC, 2.5 A or PoE+ (802.3at, Class 4) 10 W, 16 W with IR on		24 VDC, 2.5 A (± 25%) (Included) PoE+ (802.3at) Max 23 W	24 VAC, 3A ±25% or Hi-PoE Max 24 W, 38 W with IR on	36 VDC, 2.23A ±25% or Hi-PoE Max 30 W, 48 W with IR on

NETWORK CAMERAS



MODEL	DH-DB61 (Brown /USA Only) DH-DB61-USA (Black / USA only) DH-DB61-CAN (Brown / Canada only)		DS11-USA	IPC-L26N	IPC-L46N-USA (USA only) IPC-L46N-CAN (Canada only)
FORM FACTOR	Doorbell		Doorbell Chime	Floodlight	
IMAGE SENSOR	1/2.7-in. 5MP CMOS		—	1/2.7-in. 2MP CMOS	1/3-in. 4MP CMOS
LENS	2.2mm		—	2.8mm	2.8mm
FIELD OF VIEW	124°		—	Horizontal: 114° Vertical: 66°	Horizontal: 98° Vertical: 55°
WIFI CAPABILITY	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	USA model : 2.4G Wi-Fi and all bands of 5G Wi-Fi Canadian model: 2.4G Wi-Fi and 5G Wi-Fi band 2, 3, 4
MAXIMUM IR DISTANCE	16ft (5m)		—	33ft (10m)	
VIDEO COMPRESSION (MAIN STREAM)	H.265, H.264		—	Smart H.265+, H.265, Smart H.264+, H.264	
MAXIMUM RESOLUTION	5MP (2560 x 1920)		—	2MP (1920 x 1080)	4MP (2560 x 1440)
FRAME RATE	15fps at 5MP		—	30fps at 2MP	30fps at 4MP
INTEROPERABILITY	CGI, P2P, SDK, API		—	CGI	ONVIF, CGI, P2P, RTMP, SDK, API
MOTION DETECTION	Motion Detection with Human Detection		—	Passive Infrared (PIR) Configurable area and distance: Coverage: up to 270° Distance: up to 32ft (10m)	
ACTIVE ALARM	-		—	Integrated 110 dB Siren and Floodlight	
FLOODLIGHT BRIGHTNESS				2000 lm	1500 to 2400 lm
AUDIO IN/OUT	Built-in Microphone Built-in Speaker		Output: Built-in Speaker Multiple Ringtone Options	Built-in Microphone Built-in Speaker	
MEMORY SLOT	Micro SD, Max 256GB		—	Micro SD, Max 256GB	
ENVIRONMENTAL PROTECTION	IP65		—	IP65	
WORKING TEMPERATURE	-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)	
POWER	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	



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

NEW



MODEL	ITC413-PW4D-Z1	ITC413-PW4D-Z3	ITC215-PW6M-IRLZF-B	ITC431-RW1F-IRL8
INNOVATIVE FEATURES	License Plate Recognition TIOC		License Plate Recognition UltraSeries	License Plate Recognition UltraSeries
IMAGE SENSOR	1/1.8-in 4MP CMOS Sensor		1/2.8-in. 2MP GS CMOS	1/1.8-in. 4MP CMOS Sensor
LENS	2.7mm to 12mm, Motorized		3.2mm to 10.5mm, Motorized	10mm to 40mm, Motorized
ANGLE OF VIEW	Horizontal: 92.0° to 46.1° Vertical: 49.0° to 26.0° Diagonal: 109.0° to 52.8°		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° 24ft (7.5m) Note: One lane width is 12ft (3.75m)
FOCUS WIDTH RANGE	9ft–13ft (3m–4m) approximately one (1) lane		11ft (3.5m) approximately one (1) lane	
WIDE DYNAMIC RANGE (WDR)	Ultra WDR (140 dB)		96 dB	90db
MAXIMUM IR DISTANCE	730nm; ANPR: 32ft (10m) Video Monitoring: 98ft (30m)		39ft (12m)	98ft (30m)
VIDEO COMPRESSION	H.264H, H.264B, H.264M, H.265, MJPEG		H.265, H.264M, H.264H, H.264B, MJPEG	H.265, H.264M, H.264H, H.264B, MJPEG
MAXIMUM RESOLUTION	2688 x 1520		1920 x 1080	2688 x 1520
FRAME RATE	30fps		30fps	25fps
INTELLIGENT VIDEO	ANPR: Vehicle Registration, Intelligent Tracking IVS: Intrusion Detection, Loitering Detection		Vehicle Registration Intelligent Tracking	Vehicle Registration Intelligent Tracking
COMPATIBILITY	ONVIF (Profile S, G, T), CGI, ITSAPI, P2P API, SDK		ONVIF, CGI	ONVIF, CGI Compatible with Dahua's DHI-ITARD-024MA-H radar device
AUDIO IN/OUT	Built-in Microphone (Pick-up Distance of 3 m (9.84 ft), Sampling Rate of 48 k)/ One (1) RCA Channel, Built-in Speaker (2 W Power Consumption)		—	N/A
MEMORY SLOT	Micro SD, Max 256GB		Micro SD, Max 64GB	Micro SD, Max 256GB
ALARM IN/OUT	2/2; Active Alarm with Red/Blue Lights and Siren or Voice Prompt		3/3	3/2
ENVIRONMENTAL PROTECTION	IP67, IK10		IP67	IP67
WORKING TEMPERATURE	-22 °F to +149 °F (-30 °C to +65 °C)		-22°F to 140°F (-30°C to 60°C)	-40° C to +65° C (-40° F to +149° F)
POWER	12 VDC, 2 A and POE:802.3at,Type 2,Class 4,(44V to 57V), 0.455A to 0.351A, max.20W; < 17 W (Speaker + Red/Blue Warning Lights On)		12 VDC, 24 VAC, or PoE (802.3af Class 0) < 20 W Min./Max.: 9.8ft to 26ft (3m to 8m) Optimal: 13.12 ft to 19.69 ft (4m to 6m)	12 VDC to 36 VDC or PoE (IEEE802.3af Class 0)
DISTANCE TO LICENSE PLATE	9.8ft–26ft (3 m–8 m)			Min./Max.: 26ft to 98ft (8m to 30m) Optimal: 13ft to 19ft (4m to 6m)
CAPTURE SPEED	up to 50 mph (80 kph)	up to 75 mph (120 kph)	up to 25 mph (40 kph)	up to 75 mph (120 kph)
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

SECURITY SYSTEM KITS



MODEL	N484E62C	NB444E42B	NB484E62B	N444L42A	N484L62A	N464L124A	N588D63S	N488L64A	N468L124A
CAMERAS	6 x N42DJS2 4MP Cameras	4 x N42BJ62-B 4MP Black Cameras	6x N42BJ62-B 4MP Black Cameras	4 x N41CJ02 4MP Cameras	6x N41CJ02 4MP Cameras	12x N41CJ02 4MP Cameras	6 x N82AL32 4K Cameras	6 x N81CJ02 8MP Fixed Eyeball Network Cameras	12 x N81CJ02 8MP Fixed Eyeball Network Cameras
IMAGE SENSOR	1/3-in. 4MP CMOS	1/3-in. 4MP CMOS		1/3-in. 4MP CMOS		1/3-in. 4MP CMOS	1/2.7-in. 8MP CMOS	1/2.7-in. 8MP CMOS	
MINIMUM ILLUMINATION	Basic Night Color Color: 0.008 lux at F1.6 0 lux (IR on)	Basic Starlight Color: 0.008 lux at F1.6 0 lux (IR on)		Color: 0.03 lux at F2.0 0 lux (IR on)		Color: 0.03 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 at F2.0 0 lux (IR on)	
LENS	2.8mm	2.8mm		2.8mm		2.8mm	2.8mm	2.8 mm	
HORIZONTAL FIELD OF VIEW	95°	102°		90°		90°	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	IR: 98ft (30 m) White-light: 49ft (15m)	98ft (30m)		98ft (30m)		98ft (30m)	98ft (30m)	98 ft (30 m)	
WIDE DYNAMIC RANGE (WDR)	True WDR (120dB)	True WDR (120dB)		DWDR		DWDR	True WDR (120dB)	DWDR	
FRAME RATE	30fps 2688 × 1520	20fps at 2688 × 1520		30fps at 2560 × 1440		30fps at 2560 × 1440	15fps at 3840 × 2160	15fps at 3840 × 2160	
VIDEO COMPRESSION (MAIN STREAM)	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, (MJPEG substream)		Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG		Smart H.265+, H.265, Smart H.264+, H.264, H.264B, MJPEG	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	
ENVIRONMENTAL	IP67	IP67		IP67		IP67	IP67, IK10	IP67	
COMPATIBILITY	ONVIF (Profile S, T), CGI, P2P, SDK, API	ONVIF (Profile S, G, T), CGI, P2P		ONVIF (Profile S, T), CGI, P2P, SDK, API		ONVIF (Profile S, T), CGI, P2P, SDK, API	ONVIF (Profile S, G, T), CGI, P2P	ONVIF (Profile S, T), CGI, P2P, SDK, API	
POWER	12 VDC or PoE (802.3af, Class 0) Maximum: 5.2 W (12 VDC), 5.9 W (PoE) (H.265 + Intelligence + WDR + Warm Light)	12 VDC or PoE (802.3af, Class 0) < 6.6 W		12 VDC or PoE (802.3af, Class 0) 1.6 W (12 VDC), 2.4 W (PoE)		12 VDC or PoE (802.3af, Class 0) 1.6 W (12 VDC), 2.4 W (PoE)	12 VDC or PoE (802.3af, Class 0) < 6.2 W	12 VDC or PoE (802.3af, Class 0) 2.3 W (12 VDC), 3.1 W (PoE)	
NETWORK VIDEO RECORDER	N41C2P2 (Smart 1U Casing, 8 PoE Ports)	N41C1P2 (Smart 1U Casing, 4 PoE Ports)	N41C2P2 (Smart 1U Casing, 8 PoE Ports)	N41C1P2 (Smart 1U Casing, 4 PoE Ports)	N41C2P2 (Smart 1U Casing, 8 PoE Ports)	N42C3P4 (1U Casing, 16 PoE Ports)	N52B2P3	N42C2P4	N42C3P4
IP VIDEO INPUTS	8CH up to 8MP	4CH up to 8MP	8CH up to 8MP	4CH up to 8MP	8CH up to 8MP	16CH up to 8MP	8CH up to 8MP	8CH up to 8MP	16CH up to 8MP
MAX INPUT/RECORD	80Mbps / 80Mbps	80Mbps / 80Mbps		80Mbps / 80Mbps		160 Mbps / 160 Mbps	320Mbps / 320Mbps	160 Mbps / 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 10TB ships with a pre-installed 2 TB HDD	1 HDD Up to 10TB ships with a pre-installed 2TB HDD		1 HDD Up to 10TB ships with a pre-installed 2TB HDD		1 HDD Up to 10TB ships with a pre-installed 4TB HDD	2 HDD Up to 10TB each ships with a pre-installed 3TB HD	Two (2) SATA III Ports, Up to 10TB capacity per HDD Ships with a pre-installed 4TB HD	
ETHERNET	One (1) RJ-45 Port (10/100/1000 Mbps), Self-adaptive	One (1) RJ-45 Port (10/100 Mbps), Self-adaptive		One (1) RJ-45 Port (10/100/1000 Mbps), Self-adaptive		One (1) RJ-45 Port (10/100/1000 Mbps), Self-adaptive	One (1) RJ45 (10/100 Mbps) Port	One (1) RJ-45 Port (10/100/1000 Mbps), Self-adaptive	
POE	Eight (8) Ports (IEEE802.3af/at)	Four (4) Ports (IEEE 802.3af/at)	Eight (8) Ports (IEEE802.3af/at)	Four (4) Ports (IEEE802.3af/at)	Eight (8) Ports (IEEE802.3af/at)	16 Ports (IEEE802.3af/at)	Eight (8) Ports (IEEE 802.3af/at)	Eight (8) Ports (IEEE802.3af/at)	Sixteen (16) Ports (IEEE802.3af/at)
POWER	53 VDC, 1.36 A 36 W total PoE (25.5 W single port)	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)	48 VDC, 1.25 A 36 W total PoE (25.5 W single port)	53 VDC, 1.36 A 36 W total PoE (25.5 W single port)	100 VAC to 240 VAC, 47 Hz to 63 Hz, 3.5 A; 117 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 VIDEO RECORDERS



MODEL	N41C1P N41C2P		N42C1P N42C2P N42C3P			N52B2P N52B3P N54B3P		
INNOVATIVE FEATURES	LiteSeries		LiteSeries			ProSeries EPOE TECHNOLOGY		
KEY FEATURES	4K, Support for Face Detection**, Perimeter Protection, and SMD+		4K, Support for Face Detection**, Perimeter Protection, and SMD+			4K ePoE/EoC NVR, IVS, Face Detection**, People Counting, Heat Map, Fisheye Dewarp, POS, ALPC, Plug and Play		
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 8CH Up to 8MP		4CH 8CH 16CH Up to 8MP			8CH 16CH 16CH Up to 12MP		
MAX INPUT/RECORD	80Mbps / 80Mbps		160Mbps			320Mbps		
DISPLAY	1 HDMI, 1 VGA		1 HDMI, 1 VGA			1 HDMI, 1 VGA	1 HDMI, 1 VGA	2 HDMI, 2 VGA
MAX HDD	1 SATA Port, up to 10TB		2 SATA Ports, up to 10TB each disk 20TB max			2 SATA Ports	2 SATA Ports up to 10TB each disk 20TB max	4 SATA Ports
RAID	—		—			—		
ESATA/MINI SAS	—		—			—	—	1/-
AUDIO IN/OUT	1/1		1/1			1/1	1/1, 2-way	1/1, 2-way
ALARM IN/OUT	—		4/2			4/2	4/2	16/6
ETHERNET	1 10/100 Mbps Port		1 Gigabit Port			1 Gigabit Port		
POE	4 Ports (IEEE802.3af) 36 W total		4 Ports (IEEE802.3af) 36W total	8 Ports (IEEE802.3af) 117W total	16 Ports (IEEE802.3af) 117w total	8 Ports	16 Ports (IEEE802.3af/at)	16 Ports
USB	2 USB 2.0		2 USB 2.0			1 USB 3.0, 1 USB 2.0	1 USB 3.0, 1 USB 2.0	2 USB 3.0, 1 USB 2.0
POWER	48 VDC or 53 VDC 1.25 A or 1.13 A < 10 W (without HDD) 2 A or 1.8 A < 10 W (without HDD)		48 VDC or 53 VDC, 1.5 A or 1.36 A < 10 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)	100 VAC to 240 VAC, 50/60 Hz <15.2 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)

NETWORK VIDEO RECORDERS

NEW



NEW



NEW



MODEL	N82B2P N82B3P N82B5P				N84B3P		N84B3P N84B3N N84B5N		N98A5N N98A6N N98A7N		MODEL	DHI-DSS7016DR-S2
INNOVATIVE FEATURES											DESCRIPTIONS	DSS Video Management System Server
KEY FEATURES	AcuPick, 4K ePoE/EOC NVR, IVS, Face Detection+**, People Counting, Heat Map, Fisheye Dewarp, ALPC, Plug and Play				AcuPick, IVS, Face Detection+**, People Counting, Heat Map, Fisheye Dewarp, ALPC		AcuPick, IVS, Face Detection+**, People Counting, Heat Map, Fisheye Dewarp, ALPC		8K NVR, IVS, Face Detection+**, People Counting, Heat Map, Fisheye Dewarp, Smart Track, N+M		INNOVATIVE FEATURES	DSS Pro
VIDEO COMPRESSION	Smart H.265+, H265, Smart H.264+, H.264, MJPEG				Smart H.265+, H265, Smart H.264+, H.264, MJPEG		Smart H.265+, H265, Smart H.264+, H.264, MJPEG		Smart H.265+, H.265, Smart H.264+, H.264, MPEG4, MJPEG		VIDEO CHANNEL	2000 Per Server
IP VIDEO INPUTS	8CH 16CH 32CH				16CH		16CH 32CH		32 CH 64CH 128CH Up to 32MP		DEPLOYMENT	Distribute
MAX INPUT/RECORD	384Mbps				384Mbps		384Mbps		1024Mbps		CENTRAL STORAGE	15 3.5-in. HDD Slots for Video Storage
DISPLAY	1 HDMI, 1 VGA				2 HDMI, 2 VGA		2 HDMI, 2 VGA		4 HDMI, 2 VGA		EVS VIDEO STORAGE SUPPORT	Direct & iSCSI
MAX HDD	2 SATA Ports, up to 16TB each disk 32TB max				4 SATA Ports, up to 16TB each disk 64TB max		4 SATA Ports, up to 16TB each disk 64TB max		8 SATA Ports, up to 16TB each disk 128TB max		TOTAL Incoming/Outgoing Bandwidth (Mbps)	600/600Mbps
RAID	----				----		----		0/1/5/6/10		CLIENTS PER SYSTEM	200 Simultaneous
ESATA/MINI SAS	----				1/-		1/-		1/-		MOBILE APP	Yes
AUDIO IN/OUT	1/1				1/2		1/2		1/2		FACE DETECTION+ CAMERAS	64
ALARM IN/OUT	4/2				16/6		16/6		16/8		LPR CAMERAS	64
ETHERNET	1 Gigabit Port				1 Gigabit Port		2 Gigabit Port		2 Gigabit Ports		ACCESS CONTROL CONTROLLERS & DOORS	200 IPs and 1024 doors as main server 500 IPs and 2500 doors as sub server
POE	8 Ports 16 Ports 16 Ports (IEEE802.3af/at) (1-8 ports support ePoE)				16 Ports (IEEE802.3af/at) (1-8 ports support ePoE)		----		—		INTERCOM VTO/ INTERCOM VTH	2000 VTH, 200 VTO as main server 5000 VTH, 500 VTO as sub server
USB	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)				3 (1 front USB 2.0 port, 2 rear USB 3.0 port)		3 (1 front USB 2.0 port, 2 rear USB 3.0 port)		4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)		INSTALL CLIENT ON MULTIPLE PCs	Yes
POWER	100-240 VAC, 46/63 Hz ≤10 W (without HDD)				100-240 VAC, 50/60 Hz ≤13W (without HDD)		100-240 VAC, 50/60 Hz <18 W (without HDD)		100-240 VAC, 50/60 Hz <18 W (without HDD)		POWER	Power: 100-240 VAC, 50/60 Hz 315 W, maximum; 210 W stable power

SERVERS & STORAGE



MODEL	DHI-IVSS7016DR-2I DHI-IVSS7016DR		MODEL	EVS7124S DHI-EVS5016S-R-V2		MODEL	DH-ESS1504C
DESCRIPTIONS	256CH Intelligent Video Server		DESCRIPTIONS	24-bay Embedded Video Storage	16-bay HDD Enterprise Video Storage	DESCRIPTIONS	eSATA Video Storage Device
INNOVATIVE FEATURES			VIDEO CHANNEL	512 IP Camera Channels	320 IP Camera Channels	Read/Write Speed	64/537 MB/s
FACE DETECTION+	Up to 16 Channels	-	VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, MPEG4, MJPEG, SVA		MAX HDD	4 Bays, up to 32TB each disk
PERIMETER PROTECTION	256 Channels	-	DISPLAY	1 HDMI		RAID	0/1/5/6/10/50/60 SRAID / JBOD Hotspare
HUMAN FACE DETECTION	128 Channels	-	NETWORK BANDWIDTH (Incoming/Recording)	1024/1024	800/800	eSATA	1
LICENSE PLATE RECOGNITION	32 Channels	-	MAX HDD	24 Bays, up to 16TB each disk 384TB max	16 Bays, up to 18TB each disk 288TB max	POWER	100 VAC to 240 VAC, 50/60 Hz
VIDEO CHANNEL	256 Channels Up to 12MP	256 Channels Up to 24MP	RAID	0/1/5/6/10/50/60 SRAID / JBOD Hotspare	0/1/5/6/10/50/60 Hotspare		
MAXIMUM DECODING	2ch-24 MP@20fps / 6ch-8MP@30fps / 24ch-1080p@30fps		SAS	2 Mini-SAS	-		
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264		eSATA	1			
DISPLAY	3 HDMI, 1 VGA		RS232	1	-		
NETWORK BANDWIDTH (Incoming/Recording)	512/384 Mbps	768/768 Mbps	POWER	100 VAC to 240 VAC, 50/60 Hz, 5 A / 2.5 A Hot-swap support	100-240 VAC 50-60 Hz, 6.3-3.5A Hot-swap support		
MAX HDD	16 SAS/SATA Ports, up to 10TB each disk 160TB max, Independent HDD Bracket, Hot-swappable	16 SAS/SATA Ports, up to 16TB each disk 256TB max, Independent HDD Bracket, Hot-swappable					
RAID	0/1/5/6/10	0/1/5/6/10/50/60					
ESATA	1						
SAS	2 SAS 3.0						
AUDIO IN/OUT	1/1						
ALARM IN/OUT	16/8						
ETHERNET	4 Gigabit Ports						
USB	4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports)						
POWER	100 VAC to 240 VAC ±20%, 50/60 Hz Redundant Power Supply						

TRANSMISSION



MODEL	DH-PFS3006-4ET-60	DH-PFS3010-8ET-96	DH-PFS4218-16ET2GF-240	DH-PFS4226-24ET2GF-360	DH-PFS3006-4GT-60	DH-PFS3010-8GT-96
FORM FACTOR	Desktop PoE Switch	Desktop PoE Switch	Desktop PoE Switch	Desktop PoE Switch	All-Gigabit PoE Switch	All-Gigabit PoE Switch
FAST/GIGABIT ETHERNET	4FE PoE+2FE	8FE PoE + 2GE	16FE PoE+2GE (Combo)	24FE PoE+2GE (Combo)	4GE PoE+2GE	8GE PoE+2GE (Combo)
SFP SLOTS	—	—	2GE SFP (Combo)	2GE SFP (Combo)	—	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 (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 BUDGET	60W	96W	240W	360W	60W	96W
POE WATCHDOG	Supported	Supported	Supported	Supported	Supported	Supported
LONG DISTANCE POE TRANSMISSION	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)
INTELLIGENT POE MANAGEMENT	Supported	Supported	Supported	Supported	Supported	Supported
SWITCHING CAPACITY	1.8Gbps	5.6Gbps	8.8Gbps	8.8Gbps	14Gbps	20Gbps
PACKET FORWARDING RATE	890Kpps	4.17Mpps	5.36Mpps	6.55Mpps	8.93 Mbps	14.88Mpps
PACKET BUFFER MEMORY	768Kb	4Mb	2.75Mb	2.75Mb	1Mb	1.5Mb
MAC TABLE SIZE	2K	8K	4K	4K	2K	4K
VLAN	—	—	Supported	Supported	—	—
LINK AGGREGATION	—	—	Supported	Supported	—	—
SPANNING TREE	—	—	Supported	Supported	—	—
MANAGEMENT	—	—	Web, SNMP	Web, SNMP	—	—
LIGHTNING PROTECTION	Common Mode 2KV Differential Mode 1KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 2KV Differential Mode 1KV	Common Mode 6KV Differential Mode 4KV
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)	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-in.×3.3-in.×1.0-in.)	190mm×100mm×30mm (7.5-in.×3.9-in.×1.2-in.)	440mm×300mm×44mm (17.3-in.×11.8-in.×1.7-in.)	440mm×300mm×44mm (17.3-in.×11.8-in.×1.7-in.)	130mm×85mm×26mm (5.1-in.×3.3-in.×1.0-in.)	190mm×100mm×30mm (7.5-in.×3.9-in.×1.2-in.)

TRANSMISSION

						
MODEL	DH-PFS4212-8GT-96	DH-PFS4218-16GT-230	DH-PFS4226-24GT-370	DH-PFS4210-8GT-DP	DH-PFS4307-4ET-96	DH-LR2110-8ET-120
DESCRIPTION	All-Gigabit PoE Switch	All-Gigabit PoE Switch	All-Gigabit PoE Switch	Industrial PoE Switch	Hardened PoE Switch	ePoE Switch
FAST/GIGABIT ETHERNET	8GE PoE+2GE	16GE PoE+2GE (Combo)	24GE PoE+2GE (Combo)	8GE PoE	4FE PoE+3GE	8FE PoE+1GE
SFP SLOTS	2 GE SFP	2 GE SFP (Combo)	2 GE SFP (Combo)	2GE SFP	3 GE SFP	1GE SFP
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+ (802.3at), 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 (802.3af), PoE+ (802.3at), Hi-PoE
POE BUDGET	96W	230W	370W	120W	96W	120W
POE WATCHDOG	Supported	Supported	Supported	Supported	Supported	—
LONG DISTANCE POE TRANSMISSION	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (800 meters)
INTELLIGENT POE MANAGEMENT	Supported	Supported	Supported	Supported	Supported	—
SWITCHING CAPACITY	52Gbps	56Gbps	56Gbps	28Gbps	6.8Gbps	8.8Gbps
PACKET FORWARDING RATE	17.86Mpps	29.76Mpps	41.7Mpps	14.88Mpps	5.06Mpps	4.17Mpps
PACKET BUFFER MEMORY	4Mb	12Mb	12Mb	4Mb	1Mb	2.75Mb
MAC TABLE SIZE	8K	16K	16K	8K	8K	4K
VLAN	Supported	Supported	Supported	Supported	Supported	—
LINK AGGREGATION	Supported	Supported	Supported	Supported	Supported	—
SPANNING TREE	Supported	Supported	Supported	Supported	Supported	—
MANAGEMENT	Web, CLI, SNMP	Web, CLI, SNMP	Web, CLI, SNMP	WEB, CLI, SNMP	Web and SNMP	—
LIGHTNING PROTECTION	Common Mode 2KV Differential Mode 1KV	Common Mode 6KV	Common Mode 6KV	Common Mode 6KV Differential Mode 4KV	-in.Common mode: 4 kV Differential mode: 2 kV-in.	Common Mode 4KV Differential Mode 2KV
WORKING TEMPERATURE	14°F to 131°F (-10°C to 55°C)	32°F to 113°F (0°C to 45°C)	32°F to 113°F (0°C to 45°C)	-40°F to 167°F (-40°C to 75°C)	-22°F to 149°F (-30°C to 65°C)	-22°F to 149°F (-30°C to 65°C)
DIMENSIONS (W×D×H)	220mm×135mm×30mm (8.67-in.x5.31-in.x1.18-in.)	440mm×185.8mm×44mm (17.32-in.x7.31-in.x1.73-in.)	440mm×290.7mm×43.3mm (17.32-in.x11.44-in.x1.71-in.)	175mm×134mm×53mm (6.9-in.x5.3-in.x2.1-in.)	265mm×238mm×76mm (10.43-in.x 9.37-in. x 2.99-in.)	150mm×100mm×42mm (5.91-in.x3.94-in.x1.65-in.)

TRANSMISSION



MODEL	DH-LR2218-16ET-240	DH-LR2226-24ET-360
DESCRIPTION	ePoE Switch	ePoE Switch
FAST/GIGABIT ETHERNET	16FE PoE+2GE (Combo)	24FE PoE+2GE (Combo)
SFP SLOTS	2GE SFP(Combo)	2GE SFP(Combo)
POE STANDARD	PoE (802.3af), PoE+ (802.3at), Hi-PoE	PoE (802.3af), PoE+ (802.3at), Hi-PoE
POE BUDGET	240W	360W
POE WATCHDOG	—	—
LONG DISTANCE POE TRANSMISSION	Yes (800 meters)	Yes (800 meters)
INTELLIGENT POE MANAGEMENT	—	—
SWITCHING CAPACITY	8.8Gbps	8.8Gbps
PACKET FORWARDING RATE	5.36Mpps	6.55Mpps
PACKET BUFFER MEMORY	2.75Mb	2.75Mb
MAC TABLE SIZE	4K	4K
VLAN	Supported	Supported
LINK AGGREGATION	Supported	Supported
FLOW CONTROL	Supported	Supported
SPANNING TREE	Supported	Supported
MANAGEMENT	Web, SNMP	Web,SNMP
LIGHTNING PROTECTION	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)
DIMENSIONS (W×D×H)	440mm×300mm×44mm (17.3-in.x11.8-in.x1.7-in.)	440mm×300mm×44mm (17.3-in.x11.8-in.x1.7-in.)



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-in.x7.3-in.x3.2-in.)	383mm×100mm×98mm (15.1-in.x3.9-in.x3.9-in.)
POWER	12 - 24V DC Passive PoE	12 - 24V DC Passive PoE

ACCESSORIES

Note: Mount options list the most popular camera and mount configurations. For a complete list, visit the mount selector tool at: us.dahuasecurity.com/product-selector/accessory-selector/

* = mount option can be used alone or with additional components noted on the same row

† = included with camera



	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount
Fixed / Vari-focal Lens Eyeball	N45FJ62 N45FJ6Z		PFA137* or PFA130-E*							PFA152-E
				PFB203W						PFA-150
				PFB203W						PFA152-E
		DH-PFA109		PFB305W					PFA151	
		DH-PFA109				PFB220C +PFA117				
		PFA106		PFB305W						PFA150
	N43CG62 N43CG62-B N53CG62		PFA130-E*							PFA152-E
				PFB203W						
				PFB203W						PFA152-E
		PFA106 or DH-PFA109		PFB305W					PFA151	PFA150
		PFA106 or DH-PFA109				PFB220C				
	N81CJ02 N41CJ02		DH-PFA13A-E							
			PFA130-E*							PFA152-E
				PFB204W						
				PFB204W						PFA152-E
	N42BJ62-B N42BJ62 N85FJ62		PFA139							
			PFA130-E*							PFA152-E
				PFB204W						
				PFB204W						PFA152-E
		DH-PFA109		PFB305W					PFA151	
		DH-PFA109				PFB220C				
	N43BJ62 N55DU82		PFA130-E*							PFA152-E
			PFA137*							
				PFB203W or DH-PFB206W						
				PFB203W or DH-PFB206W						PFA152-E
		PFA106 or DH-PFA109		PFB305W					PFA151	
		PFA106 or DH-PFA109				PFB220C				
	N42DJS2 N82DJS2 N85EUN2		PFA130-E*							PFA152-E
				DH-PFB205W-E						
				DH-PFB205W-E						PFA152-E
		PFA106 or DH-PFA109		PFB305W					PFA151	
		PFA106 or DH-PFA109				PFB220C				
	N43BU82 N43BU83		PFA137* or PFA130-E*							PFA152-E
				DH-PFB205W-E						
		PFA106 or DH-PFA109				PFB220C				
				DH-PFB205W-E						PFA152-E
				PFB305W					PFA151	
				PFB305W						PFA150
		PFA106 or DH-PFA109		PFB305W						

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount
Fixed-Lens Eyeball	N83BU82 N45DUD2		PFA130-E*							PFA152-E
			PFA137*							PFA152-E
		DH-PFA109		PFB305W						PFA150
				DH-PFB205W-E						
		DH-PFA109				PFB220C				
		DH-PFA109		PFB305W						
Fixed-Lens Eyeball	N45EJN2			DH-PFB205W-E						PFA152-E
			PFA130-E*							PFA152-E
			PFA137*							PFA152-E
				PFB204W						
				PFB204W						PFA152-E
		DH-PFA109		PFB305W					PFA151	
Vari-focal Eyeball	N85FJ6Z									
			PFA139*							PFA152-E
				PFB203W						PFA152-E
			PFA130-E*							PFA152-E
		DH-PFA109		PFB305W					PFA151	
	N43CJ6Z N53CJ6Z		PFA137*							PFA152-E
			PFA130-E*							PFA152-E
				PFB203W* or DH-PFB206W*						PFA152-E
		DH-PFA109		PFB305W					PFA151	
Vari-focal Eyeball	N83BX8Z									
	N53CF6Z		PFA130-E*						PFA151	
	N45EFNZ		PFA130-E*							PFA152-E
	N43BX8Z		DH-PFA143*							DH-PFA153
	N43CF6Z		PFA122*						PFA151	
			PFA122*							PFA152-E
Fixed Dome	N82AL32		PFA136* or DH- PFA136-B* = black							PFA152-E or DH- PFA152-E-B = black
	N53CL62		PFA136* or DH- PFA136-B* = black				PFA200W			PFA152-E or DH- PFA152-E-B = black
	N55DY82									
	N43CL62			PFB203W* or DH-PF- B203W-B* = black						PFA152-E or DH- PFA152-E-B = black
	N43CL62-B									
	N22AL12	DH-PFA109				PFB220C				

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount
Fixed Dome	N43CN62 (Wedge Dome)	DH-PFA109		PFB305W					PFA151	
			PFA136							
				PFB205W-E						PFA152-E
				PFB205W-E						PFA152-E
	DH-IPC-HDBW5441FN-AS-E2	DH-PFA109				PFB220C				
			PFA137							
	N45EYN2 N45FY62			PFB203W* or DH-PF-B206W*						PFA152-E
		DH-PFA109		PFB305W						PFA150
			PFA137* or PFA123*	PFB305W						
		DH-PFA109		PFB305W						
		DH-PFA109				PFB220C				
				PFB305W						
				PFB203W						PFA152-E
			PFA137* or PFA123*	PFB305W					PFA151	
Vari-focal Dome	DH-IPC-HDBW7442HN-ZFR DH-IPC-HDBW5231EN-ZE-HD-MI N45FL7Z N85FL7Z			DH-PFB211W						PFA152-E
		PFA101		PFB302S						
		PFA101		PFB302S					PFA151	
		PFA101		PFB302S						PFA152-E
		PFA101	DH-PFA133-E*	PFB302S						
		PFA101	DH-PFA133-E*	PFB302S					PFA151	
		PFA101	DH-PFA133-E*	PFB302S						PFA152-E
		PFA101				PFB300C				
		PFA101				PFB300C			PFA151	
		PFA101				PFB300C				PFA150
	DH-IPC-HDBW5842EN-Z4E-S2		PFA138* or DH-PFA133-E*							
					DH-PFB201C					
				DH-PFB211W*						PFA152-E
Vari-focal Dome	N45EYNZ N85FY62	PFA101				PFB300C				
			PFA137* or PFA123*							PFA152-E
			PFA137*				PFA200W			PFA152-E
				PFB203W						PFA152-E
		DH-PFA109		PFB305W					PFA151	
		DH-PFA109		PFB305W						PFA150
Dome	N53CM6Z N43CM6Z	DH-PFA109				PFB220C				
			PFA137*				PFA200W			
		DH-PFA109			PFB200C					
				PFB203W*						PFA152-E
				DH-PFB206W						

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount
Fixed-lens Bullet	N85EFN2		PFA130-E*						PFA151	
	N85FF62									
	N53CB62		PFA130-E*							PFA152-E
	N43BB62									
	N43CB62		DH-PFA143							
	N45EFN2									
	N43BX82		PFA130-E or PFA135							
			PFA130-E or PFA135							PFA152-E
			PFA130-E or PFA135						PFA151	
Fixed-lens Bullet	N42BD32			PFA134*					PFA151	
				PFA134*						PFA152-E
				PFA130-E*					PFA151	
				PFA130-E*						PFA152-E
				DH-PFA143*						DH-PFA153
	N82DDS2		PFA134*							PFA152-E
	N42DDS2		PFA134*						PFA151	
Vari-focal Bullet	DH-IPC-HFW5842EN-Z4E-S2		PFA121*						PFA151	
	N45FB7Z									
	N85FB7Z		PFA121*							PFA152-E
Vari-focal Bullet	DH-IPC-HFW7442H-Z-X									PFA154
	DH-IPC-HFW7442HN-ZFR									PFA154
Fisheye	DH-IPC-EBW81242N-AS-S2 N88BR5	PFA100		PFB302S						
		PFA100				PFB300C				
		PFA100				PFB300C				PFA150
		PFA105+PFA110				PFB300C				
		PFA105+PFA110				PFB300C				PFA150
			PFA132-E*						PFA151	
			PFA132-E*							PFA150
	N55CT5			PFB203W or DH-PF-B206W						
				PFB203W or DH-PF-B206W						PFA152-E
						PFB110W				
	N55CS5		PFA136							
				PFB203W*						PFA152-E
		PFA106				PFB220C				
Panoramic	DH-IPC-PFW83242-A180-S2		PFA120							
			PFA120						PFA151	
			PFA120							PFA150
	DH-PSDW81642M-A360			PFB710W						
				PFB710W						DH-PFA153
						PFB710C				

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount
Panoramic	DH-IPC-PDBW82041-B360-S2 DH-IPC-PDBW5831N-B360	PFA108 and PFA111		PFB303W						
		PFA108 and PFA111						PFB303S		
		PFA108 and PFA111				PFB300C				
		PFA108 and PFA111	PFA120	PFB303W					PFA151	
		PFA108 and PFA111	PFA120	PFB303W						PFA150
Panoramic Dome	DH-IPC-PDW5849-A180-E2-ASTE	PFA106 or DH-PFA109				PFB220C				
			PFA137	PFB203W*						PFA152-E
Panoramic Bullet	DH-IPC-PFW5849-A180-E2-ASTE	PFA5300R								
						PFA157				PFA151
PTZ	1A404XBNR		PFA120							
			PFA140							
		PFA107		PFB305W						
		PFA107		PFB305W					PFA151	
		PFA107		PFB305W						PFA150
		PFA107	DH-PFA143	PFB305W					DH-PFA153	
		PFA107				PFB220C				
	22204UENI		PFA137							
					PFB200C					
				PFB203W or DH-PF-B206W						
				PFB203W or DH-PF-B206W					PFA151	
	49425GBNR			PFB203W or DH-PF-B206W						PFA152-E
			PFA120							
				PFB305W †						
				PFB305W †					PFA151	
				PFB305W †						PFA150
	50432XANR	PFA111				PFB300C				
								PFB303S		
			PFA120							
			PFA140							
		PFA110 †		PFB300S †					PFA151	
		PFA110 †		PFB300S †						PFA150
		PFA110 †		PFB300S †						
		PFA110 †	DH-PFA143	PFB300S †						
		PFA110 †	DH-PFA143	PFB300S †					DH-PFA153	
	4A425DBNR	PFA110 †				PFB300C				
		PFA110 †						PFB303S		
		PFA101		PFB303W						
		PFA101		PFB303W					PFA151	
		PFA101		PFB303W						PFA150
		PFA101						PFB303S		
						PFB300C				
						PFB300C				PFA150

ACCESSORIES

	Camera	Adapter	Junction Box	Wall Mount	In-ceiling Mount	Ceiling Mount	Sun/Rain Shield	Parapet Mount	Corner Mount	Pole Mount
PTZ	6AL445XANR		PFA120							
			PFA140							
		PFA111 †		PFB303W †						
		PFA111 †		PFB303W †					PFA151	
		PFA111 †		PFB303W †						PFA150
		PFA111 †	DH-PFA143	PFB303W †						
		PFA111 †	DH-PFA143	PFB303W †					DH-PFA153	
		PFA111 †				PFB300C				
		PFA111 †						PFB303S		
	50232XANR	PFA110 †								
		PFA110 †		PFB300S †						
		PFA110 †		PFB302S †					PFA151	
		PFA110 †		PFB302S †						PFA150
		PFA110 †				PFB300C				
	6CE445GBNR 5A445XANR (except DH-PFA143)		PFA120							
			PFA140							
				PFB305W †						
				PFB305W †					PFA151	
				PFB305W †						PFA150
			DH-PFA143	PFB305W †						
			DH-PFA143	PFB305W †					DH-PFA153	
		PFA111				PFB300C				
		PFA111						PFB303S		
	8A840PANF			PFB306W †						
				PFB306W †						PFA150
	6C3425XBPV			PFB305W †						
				PFB305W †					PFA151	
		PFA111						PFB303S		
		PFA111				PFB300C				
				PFB305W †						PFA150

NOTES

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