

PRODUCT CATALOG

SUMMER 2024 EDITION



Technologies that Take You Further

Network & HDCVI 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



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° 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° 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	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm
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
MAXIMUM IR DISTANCE	98 ft (30 m)	98 ft (30 m)	98 ft (30 m)	Basic Night Color; Smart Dual Illumination IR: 98 ft (30 m) Warm Light: 49 ft (15 m)	Enhanced Night Color White-light: 98 ft (30 m)
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)
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+
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	LiteSeries WizSense TiOC	LiteSeries WizSense	LiteSeries WizSense TiOC	LiteSeries WizSense	LiteSeries WizSense
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	2.8 mm: N43BX82, N43BU82 3.6 mm: N43BU83	2.8 mm	2.7 mm to 13.5 mm, Motorized	2.7 mm to 13.5 mm, Motorized	2.8 mm
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)
MAXIMUM IR DISTANCE	Smart Dual Illumination IR: 98 ft (30 m) / White-light LED: 98 ft (30 m)	164 ft (50 m) N43CN62: 98 ft (30 m)	Smart Dual Illumination IR: 164 ft (50 m) / White-light LED: 131 ft (40 m)	N43CM6Z, N43CJ6Z: 131 ft (40 m) N43CF6Z: 196 ft (60 m)	164 ft (50 m)
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)
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+
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	IP67 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)	-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, 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		N81CJ02	N82DJS2 N82DDS2		N83BU82 N83BU82-B		N83BX8Z
INNOVATIVE FEATURES	LiteSeries WizSense		LiteSeries E-VU	LiteSeries WizSense		LiteSeries TiOC		LiteSeries WizSense TiOC
IMAGE SENSOR	1/2.7 -in. 5MP CMOS		1/2.7 -in. 4K (8MP) CMOS	1/2.7 -in. 4K (8MP) CMOS		1/2.8 -in. 4K (8MP) CMOS		1/2.8 -in. 8MP CMOS
LENS	2.7 mm to 13.5 mm, Motorized		2.8 mm	2.8 mm		2.8 mm		2.7 mm to 13.5 mm, Motorized
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)		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)		Enhanced Starlight Color: 0.004 lux at F1.0 B/W: 0.0004 lux at F1.0 0 lux at F1.0 (IR on)
MAXIMUM IR DISTANCE	N53CJ6Z, N53CM6Z: 131 ft (40 m) N53CF6Z: 196 ft (60 m)		98 ft (30 m)	Basic Night Color; Smart Dual Illumination IR: 98 ft (30 m), Warm Light: 98 ft (30 m)		Smart Dual Illumination IR: 98 ft (30 m) Warm Light: 49 ft (15 m)		Smart Dual Illumination IR: 164 ft (50 m) White Light: 131 ft (40 m)
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+, 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		AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, (MJPEG substream)
MAXIMUM RESOLUTION	5MP (2960 x 1668)		8MP (3840 x 2160)	8MP (3840 x 2160)		4MP (2688 x 1520)		8MP (3840 x 2160)
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection and Smart Motion Detection+		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+		Premium IVS, Analytics+ Functions — Perimeter Protection, Smart Motion Detection+
AUDIO IN/OUT	N53CJ6Z: Built-in Microphone N53CCF6Z, N53CM6Z: 1/1		Built-in Microphone	Built-in Microphone		Built-in Microphone		Two (2) Built-in Microphones
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		—	—		—		One (1) Built-in Speaker
ENVIRONMENTAL PROTECTION	IP67 IK10 (N53CM6Z only)		IP67	IP67		IP67		IP67
WORKING TEMPERATURE	-22° F to 140° F (-30° C to 60° C)		-40° F to 131° F (-40° C to 55° C)	-40° F to 131° F (-40° C to 55° C)		-40° F to 140° F (-40° C to 60° C)		-22° F to 140° F (-30° 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 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		12 VDC or PoE (802.3af, Class 0) Max: <9.8 W

NETWORK CAMERAS

					
MODEL	DH-IPC-HDBW5231EN-ZE-HDMI	N45DUD2	N45FY62 N45FJ62	N45EFN2 N45EYN2 N45EJN2	N45FL7Z N45FB7Z N45FJ6Z
INNOVATIVE FEATURES	ProSeries	ProSeries WizMind	ProSeries WizMind ACUPICK	ProSeries WizMind	ProSeries WizMind ACUPICK
IMAGE SENSOR	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	1/1.8 -in. 4MP CMOS
LENS	2.7 mm to 13.5 mm, Motorized	2 x 2.8 mm	2.8 mm	2.8 mm	2.7 mm to 12 mm, Motorized
MINIMUM ILLUMINATION	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	Starlight+ Color: 0.0007 lux to F1.8 0 lux to F1.8 (IR on)
MAXIMUM IR DISTANCE	164 ft (50 m)	Night Color+ Fusion 164 ft (50 m), White-light	164 ft (50 m)	Enhanced Night Color White-light LEDs: 131 ft (40 m): Bullet, 65 ft (20 m): Dome, Eyeball	197 ft (60 m): Bullet 131 ft (40 m): Dome, Eyeball
VIDEO COMPRESSION	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	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)
MAXIMUM RESOLUTION	1080p (1920 x 1080)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
INTELLIGENT VIDEO	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+	Premium IVS, Analytics+ Functions — AcuPick, Perimeter Protection, Smart Plan Schedule, People Counting, Face Detection, SMD+, AI SSA, Queue Mgt
AUDIO IN/OUT	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	1/1 + Microphone: Bullet, Dome Microphone Only: Eyeball
MEMORY SLOT	Micro SD, Max 128GB	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 256GB	Micro SD, Max 512GB
ALARM IN/OUT	1/1	1/1	1/1	1/1: Bullet, Dome N/A: Eyeball	2/1: Bullet, Dome
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67	IP67, (IK10 Dome)	IP67, (IK10 Dome)	IP67, (IK10 Bullet, Dome)
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) Bullet, Dome -22° F to 140° F (-30° C to 60° C) Eyeball
POWER	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	12 VDC, PoE (802.3af), ePoE, (24 VAC Dome only), Max PoE: <12.3 W: Bullet, Dome; 8.2 W: Eyeball

NETWORK CAMERAS



MODEL	N45EFNZ N45EYNZ		N55DY82	N85FY62 N85FF62 N85FJ62		N85EFN2 N85EUN2	N85FL7Z N85FB7Z N85FJ6Z N85FB6Z4	
INNOVATIVE FEATURES	ProSeries Wiz Mind		ProSeries Wiz Mind	ProSeries Wiz Mind ACUPICK		ProSeries Wiz Mind	ProSeries Wiz Mind ACUPICK	
IMAGE SENSOR	1/1.8 -in. 4MP CMOS		1/2.7 -in. 5MP CMOS	1/1.8 -in. 4K (8MP) CMOS		1/1.2 -in. 4K (8MP) CMOS	1/1.8 -in. 4K (8MP) CMOS	
LENS	2.7 mm to 12 mm, Motorized		2.8 mm	2.8 mm		2.8 mm	2.7 mm to 12 mm, Motorized N85FB6Z4 Bullet: 8 mm-32 mm	
MINIMUM ILLUMINATION	Color: 0.0005 lux at F1.0		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)		Color: 0.0005 lux at F1.0	Starlight+ Color: 0.0008 lux at F1.8 0 lux at F1.8 (IR on) F1.6: N85FB6Z4	
MAXIMUM IR DISTANCE	Enhanced Night Color White-light LEDs: 230 ft (70 m) Bullet, 131 ft (40 m): Dome		Smart Dual Illumination: IR: 98 ft (30 m) White Light: 49 ft (15 m)	164 ft (50 m): Bullet, Eyeball, Dome		Enhanced Night Color 131 ft (40 m) White-light LEDs	197 ft (60 m): Bullet N85FB7Z, 393.70 ft (120 m): Bullet N85FB6Z4, 131 ft (40 m): Dome, Eyeball	
VIDEO COMPRESSION	AI Coding, 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	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)		5MP (2592 x 1944)	8MP (3840 x 2160)		8MP (3840 x 2160)	8MP (3840 x 2160)	
INTELLIGENT VIDEO	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Face Detection, 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		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	
AUDIO IN/OUT	1/1 + Built-in Microphone: Bullet, Dome Built-in Speaker: Dome		1/1 + Built-in Microphone Built-in Speaker	1/1 + Built-in Microphone: Bullet, Dome, Eyeball		1/1, Built-in Microphone; Speaker: Bullet only	1/1 + Built-in Microphone: Bullet, Dome Microphone Only: Eyeball	
MEMORY SLOT	Micro SD, Max 256GB		Micro SD, Max 256GB	Micro SD, Max 512GB		Micro SD, Max 256GB	Micro SD, Max 512GB	
ALARM IN/OUT	1/1		1/1	1/1: Bullet, Dome, Eyeball		1/1	2/1: Dome, Bullet	
ENVIRONMENTAL PROTECTION	IP67, (IK10 Dome)		IP67, (IK10 Dome)	IP67, (IK10 Bullet, Dome)		IP67	IP67, (IK10 Bullet, Dome)	
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): N85FB7Z Bullet, Dome; -22°F to 140°F (-30°C to 60°C) Eyeball, N85FB6Z4 Bullet	
POWER	12 VDC, PoE (802.3af, Class 0), ePoE Max <10.9 W: Bullet Max <10.5 W: Dome		12 VDC or PoE (802.3af, Class 0), ePoE Max <8.7 W: Dome	12 VDC, PoE (802.3af, Class 0), ePoE Max PoE: 8.8 W Dome, Eyeball; 9.8 W Bullet		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	

NETWORK CAMERAS

					
MODEL	DH-IPC-HDBW7442HN-ZFR	DH-IPC-HFW7442H-Z-X	N55CS5	N55CT5	DH-IPC-EBW81242N-AS-S2
INNOVATIVE FEATURES	Ultra Series <i>Wiz Mind</i>	Ultra Series <i>Wiz Mind</i>	Pro Series <i>Wiz Mind</i>	Pro Series <i>Wiz Mind</i>	Ultra Series <i>Wiz Mind</i>
IMAGE SENSOR	1/1.8-in. 4MP CMOS	1/1.8-in. 4MP CMOS	1/2.7-in. 5MP CMOS	1/2.7-in. 5MP CMOS	1/1.7-in. 12MP CMOS
LENS	2.7 mm to 12 mm, Motorized	2.7 mm to 12 mm, Motorized	1.4 mm	1.4 mm	1.85 mm
MINIMUM ILLUMINATION	Starlight+ Color: 0.001 lux at F1.2 0 lux at F1.2 (IR on)	Starlight+ Color: 0.0005 lux at F1.2	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)
MAXIMUM IR DISTANCE	164 ft (50 m): Bullet 131 ft (40 m): Dome	197 ft (60 m)	—	33 ft (10 m)	33 ft (10 m)
VIDEO COMPRESSION	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)	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
MAXIMUM RESOLUTION	4MP (2688 x 1520)	4MP (2688 x 1520)	5MP (2592 x 1944)	5MP (2592 x 1944)	12MP (4000 x 3000)
INTELLIGENT VIDEO	Analytics+ (People Counting, Perimeter Protection, Image Attribute Extraction)	PPE, Perimeter Protection, People Counting, Face Detection+, Heat Map, Privacy Protection	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
AUDIO IN/OUT	1/1	1/1	1/1 + Built-in Microphone	1/1 + Built-in Microphone	1/1 + Built-in Microphone and Built-in Speaker
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB
ALARM IN/OUT	3/2	3/2	1/1	1/1	2/2
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10	IP67, IK10	—	IP67, IK10
WORKING TEMPERATURE	-40° F to 140° F (-40° C to 60° C)	-40° F to 149° F (-40° C to 65° C)	-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)
POWER	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	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

NETWORK CAMERAS



MODEL	N88BR5V	DH-IPC-HDBW5441FN-AS-E2	DH-IPC-HCBW8442N	DH-IPC-HDW8441X-3D	DH-IPC-HUM8441-E1-L4
INNOVATIVE FEATURES	UltraSeries Wiz Mind	Wiz Mind	ProSeries Wiz Mind	Wiz Mind	Wiz Mind
IMAGE SENSOR	1/1.7-in. 4K (8MP) CMOS	1/2.7-in. 4MP CMOS per sensor (2 independent sensors)	1/1.8-in. 4MP CMOS	Two (2) 1/2.8-in. 4MP CMOS Sensors	1/2.7-in. CMOS
LENS	Immervision Panamorph Lens RPL: B9VVT 1.29 mm	Two (2) 2.8 mm Fixed Lenses	2.5 mm	2.8 mm	2.8 mm
MINIMUM ILLUMINATION	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)	Starlight+ Color: 0.004 lux at F2.0 / 0 lux at F2.0 (IR on)	Color: 0.005 lux at F1.6 (30 IRE)	Color, 30 IRE: 0.005 Lux at F2.0
MAXIMUM IR DISTANCE	33 ft (10 m)	98 ft (30 m) 8 LEDs per sensor	32.81 ft (10 m), 940 nm Wavelength	—	—
VIDEO COMPRESSION	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)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H, MJPEG	Smart H.265+, Smart H.264+ H.265, H.264, (MJPEG substream)	"Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)"
MAXIMUM RESOLUTION	8MP (3280 x 2480)	4MP per sensor	4MP (2688 x 1520)	4MP (2560 x 1440)	4MP (2688 x 1520)
INTELLIGENT VIDEO	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+	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Heat Map	Premium IVS, Analytics+ Functions — Active Alarm, Perimeter Protection	Analytics+ Functions — Perimeter Protection, Intelligent Search, and Face Detection
AUDIO IN/OUT	1/1 + Built-in Microphone and Built-in Speaker	1/1, + Built-in Microphone	1/1 + Built-in Mic	2/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 256GB
ALARM IN/OUT	2/2	1/1	1/1	2/2	2/2
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10	IP67 / IK10+, 50J	IP67, IK10	—
WORKING TEMPERATURE	-40° F to 131° F (-40° C to 55° 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+ (802.3at, Class 4) 12 VDC: 13 W maximum PoE+: 13.9 W maximum	12 VDC or PoE (802.3af, Class 0) <6.6 W	12 VDC: 3.0 W, PoE: 3.6 W	12 VDC: 11.3 W, PoE (802.3af): 12.9 W	12 VDC: 3.9 W, PoE (802.3af): 4.8 W

NETWORK CAMERAS

					
MODEL	DH-PSDW81642M-A360	DH-IPC-PFW83242-A180-S2*	DH-IPC-PDW5849-A180-E2-ASTE DH-IPC-PFW5849-A180-E2-ASTE	N83BP83	DH-IPC-PDBW82041-B360-S2
INNOVATIVE FEATURES					
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 (2 sensors total)	Dual 1/1.8-in. 4MP CMOS (2 sensors total)	1/2.7-in. 5MP CMOS per Sensor (4 sensors total)
LENS	Panoramic: 5 mm PTZ: 5.6 mm to 223 mm	2.8 mm	3.6 mm	3.6 mm	2.8 mm to 12 mm, Motorized
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 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)
MAXIMUM IR DISTANCE	1312 ft (400 m)	98 ft (30 m)	131 ft (40 m)	White Light: 131 ft (40 m)	98 ft (30 m)
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)	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)
MAXIMUM RESOLUTION	Panoramic: 8192 x 1800 PTZ: 4MP (2560 x 1440)	8MP per Sensor (4 sensors total)	8MP per Sensor	4MP (2688 x 1520)	5MP per Sensor (4 sensors total)
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: 4° to 90° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 75° 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, Smart Object Detection, People Counting, Smart Motion Detection	Premium IVS, Analytics+ Functions — Perimeter Protection, Face Detection, Advanced People Counting, Queue Management
AUDIO IN/OUT	2/2	1/1	—	1/1 + Built-in Mic	1/1
MEMORY SLOT	Micro SD, Max 512GB (panoramic only)	Micro SD, Max 256GB	MicroSD Card Max. 512 GB	Micro SD, Max 512GB	Micro SD, Max 256GB
ALARM IN/OUT	7/3	2/2	—	1/1	3/2
ENVIRONMENTAL PROTECTION	IP66	IP67, IK10	IP67	IP67	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° 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	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, PoE+ (802.3at, Class 4, ePoE) Max: 12 VDC: 10.5 W, PoE: 11.8 W	12 VDC or PoE+ (802.3at, Class 4) 12 VDC: Max 21.3 W PoE+: Max 24.7 W

NETWORK CAMERAS



MODEL	DH-IPC-PDBW5831N-B360	22404DBNR	1A404DBNR	4A425DBNR	52C432GBNR
INNOVATIVE FEATURES	UltraSeries	ProSeries WizSense	WizSense	LiteSeries WizSense	ProSeries WizSense
IMAGE SENSOR	1/2.8 -in. 2MP STARVIS™ CMOS per sensor (4 independent sensors)	1/2.8-in. STARVIS™ CMOS	1/2.8-in. CMOS	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. CMOS,
LENS	2.7 mm to 12 mm, Motorized	2.8 mm to 12 mm (4x Optical Zoom)	2.8 mm to 12 mm	5 mm to 125 mm (25x Optical Zoom)	4.8 mm to 154 mm (32x Optical Zoom)
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux at F1.8 0 lux at F1.8 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6	Color: 0.005 lux at F1.6	Enhanced Starlight Color: 0.005 lux at F1.6 B/W: 0.0005 lux at F1.6	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6
MAXIMUM IR DISTANCE	98 ft (30 m) 2 LEDs per sensor	—	65.62 ft (20 m)	328 ft (100 m)	—
VIDEO COMPRESSION (MAIN STREAM)	Smart H.265+, H.265, Smart H.264+, H.264, H.264B, H.264H (MJPEG substream)	AI Coding, H.264H, H.264B, Smart H.265+, H.264, H.265, (MJPEG substream), Smart H.264+	"Smart H.265+, H.265, Smart H.264+, H.264, H.264H, H.264B, (MJPEG substream)"	H.264H, H.264B, Smart H.264+, Smart H.265+, H.264, H.265, (MJPEG substream)	AI Coding, H.264H, H.264B, Smart H.265+, H.264, H.265, (MJPEG substream), Smart H.264+
MAXIMUM RESOLUTION	2MP per sensor (4 sensors total)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)
PAN/TILT/ZOOM	Pan: 0° to 360° Tilt: 0° to 80° Rotation: 0° to 355°	—	Pan: 0° to 355° Tilt: 5° to 90°	300 Presets, Pan: 0° to 360° Tilt: -5° to 90°	—
PRESET SPEED	—	Pan: 100° /s; Tilt: 0° /s	Pan: 0.1°/s to 80°/s Tilt: 0.1°/s to 40°/s	Pan: 240° /s; Tilt: 160° /s	Pan: 500° /s; Tilt: 500° /s
INTELLIGENT VIDEO	Motion, Tripwire, Intrusion, Scene Change	Analytics+ (Perimeter Protection, Smart Motion Detection+, Face Detection)	Premium IVS, Analytics+ Functions — Perimeter Protection, People Counting, Smart Motion Detection+, Face Detection	Analytics+ (Perimeter Protection, Smart Motion Detection) Human Auto-tracking	Analytics+ (Perimeter Protection, Upgraded Smart Motion Detection+, Face Detection) Auto-tracking
AUDIO IN/OUT	1/1	—	1/1	1/1	1/1
MEMORY SLOT	Micro SD, Max 256GB	Micro SD, Max 256GB	Micro SD, Max 512GB	Micro SD, Max 64GB	Micro SD, Max 512GB
ALARM IN/OUT	1/1	—	—	2/1	2/1
ENVIRONMENTAL PROTECTION	IP67, IK10	IP66, IK10	IP67, IK10	IP66	IP67, 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)	-40° F to 149° F (-40° C to 65° C)	-40° F to 158° F (-40° C to 70° C)
POWER	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	12 VDC, 3A ± 10%, PoE (802.3at) Max 6.1 W	12 VDC, 2 A ± 10%, PoE (802.3af)	12 VDC/2 A ± 10% (included), PoE+ (802.3at) 9.5 W, Max 21.5 W (Illuminator + Fan + PTZ)	24 VDC, 2.5A ± 25%, PoE+ (802.3at) Max 16 W

NETWORK CAMERAS

							
MODEL	6CE445GBNR	5A825GANR	5A445GBNR	49425GBNR	50432GBNR	6C3425XBPV	8A840PANF
INNOVATIVE FEATURES	ProSeries Wiz Sense	ProSeries Wiz Sense		ProSeries Wiz Sense	ProSeries Wiz Sense	ProSeries TIOC Wiz Sense	UltraSeries Wiz Mind
IMAGE SENSOR	1/2.8-in. 4MP STARVIS™ CMOS	1/1.8-in. 8MP CMOS	1/2.8-in. CMOS	1/2.8-in. 4MP CMOS	1/2.8-in. CMOS	1/2.8-in. 4MP STARVIS™ CMOS	1/2.8-in. 8MP STARVIS™ CMOS
LENS	3.95 mm to 177.75 mm (45x Optical Zoom)	5.4 mm to 135.0 mm (25x Optical Zoom)	3.95 mm to 177.75 mm	4.8 mm to 120 mm (25x Optical Zoom)	4.8 mm to 154 mm (32x Optical Zoom)	4.8 mm to 120 mm (25x Optical Zoom)	5.6 mm to 223 mm (40x Optical Zoom)
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux at F1.6 0 lux at 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 F1.6 0 lux to F1.6 (IR on)	Enhanced Starlight Color: 0.005 lux to F1.6 0 lux to F1.6	Basic 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)
MAXIMUM IR DISTANCE	820 ft (250 m)	492 ft (150 m)		328 ft (100 m)	—	Smart Dual Illumination IR: 492 ft (150 m), White Light: 164 ft (50 m)	1640 ft (500 m)
VIDEO COMPRESSION (MAIN STREAM)	AI Coding, Smart H.265+, H.265, Smart H.264+, H.264, (MJPEG substream)	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)	AI Coding, H.264H, H.264B, Smart H.265+, H.264, H.265, (MJPEG substream), Smart H.264+	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, (MJPEG substream)
MAXIMUM RESOLUTION	4MP (2560 x 1440)	8MP (3840 x 2160)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)	4MP (2560 x 1440)	8MP (3840 x 2160)
PAN/TILT/ZOOM	300 Presets, Pan: 0° to 360° endless; Tilt: -20° 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: 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: -30° to 90°, Auto Flip 180°
PRESET SPEED	Pan: 300° /s; Tilt: 200° /s	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: 120° /s
INTELLIGENT VIDEO	Analytics+ (Perimeter Protection, Face Detection, Upgraded Smart Motion Detection+, Auto-tracking+)	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, Upgraded Smart Motion Detection+, Face Detection) Auto-tracking	Analytics+ (Perimeter Protection, Face Detection, Smart Motion Detection+), Premium IVS (Motion, Scene Change, Abandoned/Missing Object, Auto-track)	Scene Change, Abandoned/Missing Object, Perimeter Protection, Face Detection**, Auto-tracking
AUDIO IN/OUT	1/1	1/1		1/1	1/1	1/1	1/1
MEMORY SLOT	Micro SD, Max 512GB	Micro SD, Max 512GB		Micro SD, Max 512GB	Micro SD, Max 512GB	Micro SD, Max 256GB	Micro SD, Max 128GB
ALARM IN/OUT	7/2	2/1		2/1	2/1	2/1	7/2
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67, IK10		IP66	IP67, IK10	IP66	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 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 158° F (-40° C to 70° C)
POWER	24 VDC, 2.5A ±25% or PoE+ (802.3at, Class 4) 13 W, 25 W with IR and heater on	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 (± 25%) or PoE+ (802.3at, Class 4) Max16 W	24 VDC, 2.5 A (± 25%) (Included) PoE+ (802.3at) Max 23 W	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)	DH-DS21	IPC-L26N	IPC-L46N-USA (USA only) IPC-L46N-CAN (Canada only)	DB61-DS21 (Black / USA Only) DB61-DS21-Can (Black / Canada Only)	DHI-DB11
FORM FACTOR	Doorbell	Doorbell Chime	Floodlight		Doorbell Chime Kit	Doorbell
IMAGE SENSOR	1/2.7-in. 5MP CMOS	—	1/2.7-in. 2MP CMOS	1/3-in. 4MP CMOS	1/2.7-in. 5MP CMOS	1/2.7-in. 2MP CMOS
LENS	2.2 mm	—	2.8 mm	2.8 mm	2.2 mm	1.9 mm
WIFI CAPABILITY	USA model DH-DB61: 2.4G WiFi and all bands of 5G WiFi Canadian model DH-DB61-CAN: 2.4G WiFi and 5G WiFi 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 WiFi and all bands of 5G WiFi Canadian model: 2.4G WiFi and 5G WiFi band 2, 3, 4	Doorbells:- DH-DB61 (USA): Dual-band WiFi (2.4GHz & 5GHz)- DH-DB61-CAN (Canada): WiFi 2.4GHz & 5GHz (bands 2/3/4) Chime:- 2.4GHz WiFi (802.11b/g/n)	2.4GHz WiFi (802.11b/g/n)
MAXIMUM IR DISTANCE	16 ft (5 m)	—	33 ft (10 m)		16 ft (5 m)	16.50 ft (5 m)
VIDEO COMPRESSION (MAIN STREAM)	H.265, H.264	—	Smart H.265+, H.265, Smart H.264+, H.264		H.265, H.264	H.264
MAXIMUM RESOLUTION	5MP (2560 x 1920)	—	2MP (1920 x 1080)	4MP (2560 x 1440)	5MP (2560 x 1920)	2MP (1920 x 1080)
MOTION DETECTION	Motion Detection with Human Detection	—	Passive Infrared (PIR) Configurable area and distance: Coverage: up to 270° Distance: up to 32 ft (10 m)		Motion Detection with Human Detection	Passive IR Motion Detection
ACTIVE ALARM	—	—	Integrated 110 dB Siren and Floodlight		—	—
BRIGHTNESS	—	—	2000 lm	1500 lm 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		Doorbells:Built-in Microphone / Built-in Speaker Chime: Built-in Speaker / Multiple Ringtones	Audio Input: Built-in Microphone Audio Output: Built-in Speaker
MEMORY SLOT	Micro SD, Max 256GB	—	Micro SD, Max 256GB		Micro SD, Max 256GB	Micro SD, Max 64GB
ENVIRONMENTAL PROTECTION	IP65	—	IP65		IP65	IP55
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)		Doorbells: -4° F to 122° F (-20° C to 50° C) Chime: 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		Doorbells: 12 VDC to 24 VDC or 16 VAC to 24 VAC, 0.8 A < 4.9 W Chime: 120 VAC to 240 VAC Wall-mounted Power Plug	16 VAC to 24 VAC, 0.04 A or 16 VDC to 24 VDC, 0.04 A

NETWORK CAMERAS

				
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				
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: 2 mm or 7 mm, Athermalized Visible-light: 2 mm or 8 mm Thermal: 3.5 mm or 7 mm, Athermalized Visible-light: 4 mm or 8 mm		Thermal: 2 mm or 7 mm, Athermalized Visible-light: 2 mm or 8 mm Thermal: 3.5 mm or 10 mm, Athermalized Visible-light: 4 mm or 12 mm	
EFFECTIVE THERMAL DISTANCE, DETECTION	With 7 mm Thermal Lens: Human: 958 ft (292 m) Vehicle: 2552 ft (778 m)		With 7 mm Thermal Lens: Human: 958 ft (292 m) Vehicle: 2552 ft (778 m) With 10 mm Thermal Lens: Human: 1368 ft (417 m) Vehicle: 3645 ft (1111 m)	
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	
TEMPERATURE MEASUREMENT	—		32° F to 1022° F (0° C to 550° C) Accuracy: ±2%	
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	
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	
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

							
MODEL		ITC413-PW4D-Z1		ITC413-PW4D-Z3		ITC431-RW1F-IRL8	
INNOVATIVE FEATURES		License Plate Recognition TIOC				License Plate Recognition UltraSeries	
IMAGE SENSOR		1/1.8-in 4MP CMOS Sensor				1/1.8-in. 4MP CMOS Sensor	
LENS		2.7 mm to 12 mm, Motorized		8 mm to 32 mm, Motorized		10 mm to 40 mm, Motorized	
FOCUS WIDTH RANGE		9 ft – 13 ft (3 m – 4 m) approximately one (1) lane		19 ft – 26 ft (6 m – 8 m) approximately two (2) lanes		24 ft (7.5 m) 12 ft (3.75 m)	
MAXIMUM IR DISTANCE		730nm; ANPR: 32 ft (10 m) Video Monitoring: 98 ft (30 m)		730nm; ANPR: 65 ft (20 m) Video Monitoring: 196 ft (60 m)		98 ft (30 m)	
VIDEO COMPRESSION		H.264H, H.264B, H.264M, H.265, MJPEG				H.265, H.264M, H.264H, H.264B, MJPEG	
MAXIMUM RESOLUTION		2688 x 1520				2688 x 1520	
INTELLIGENT VIDEO		ANPR: Vehicle Registration, Intelligent Tracking IVS: Intrusion Detection, Loitering Detection				Vehicle Registration Intelligent Tracking	
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 256GB	
ALARM IN/OUT		2/2; Active Alarm with Red/Blue Lights and Siren or Voice Prompt				3/2	
ENVIRONMENTAL PROTECTION		IP67, IK10				IP67	
WORKING TEMPERATURE		-22° F to 149° F (-30° C to 65° C)				-40° F to 149° F (-40° C to 65° C)	
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 to 36 VDC or PoE (IEEE802.3af Class 0)	
DISTANCE TO LICENSE PLATE		9.8 ft – 26 ft (3 m – 8 m)		26 ft – 65 ft (8 m – 20 m)		Min./Max.: 26 ft - 98 ft (8 m - 30 m) Optimal: 13 ft to 19 ft (4 m to 6 m)	
CAPTURE SPEED		up to 50 mph (80 kph)		up to 75 mph (120 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	

NETWORK SECURITY SYSTEM KITS

	Advanced	Standard	Standard	Basic	Basic	Basic	Basic	Basic
								
MODEL	N484E62C	NB444E42B	NB484E62B	N444L42A	N484L62A	N464L124A	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 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	
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)	Color: 0.04 lux at F2.0 0 lux (IR on)	
LENS	2.8 mm	2.8 mm		2.8 mm		2.8 mm	2.8 mm	
MAXIMUM IR DISTANCE	IR: 98 ft (30 m) White-light: 49 ft (15 m)	98 ft (30 m)		98 ft (30 m)		98 ft (30 m)	98 ft (30 m)	
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	
ENVIRONMENTAL	IP67	IP67		IP67		IP67	IP67	
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) 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)	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	16CH up to 8MP
MAX INPUT/RECORD	80Mbps / 80Mbps	80Mbps / 80Mbps		80Mbps / 80Mbps		160 Mbps / 160 Mbps	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	
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	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) 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 (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, 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		N82B2P N82B3P N82B5P		N84B3P	
INNOVATIVE FEATURES	LiteSeries		LiteSeries		ProSeries EPOE ACUPICK		ProSeries EPOE ACUPICK	
KEY FEATURES	4K, Support for Face Detection** , Perimeter Protection, and SMD+		4K, Support for Face Detection**, Perimeter Protection, and SMD+		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	
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	
IP VIDEO INPUTS	4CH 8CH Up to 8MP		4CH 8CH 16CH Up to 8MP		8CH 16CH 32CH		16CH	
MAX INPUT/RECORD	80 Mbps / 80 Mbps		160 Mbps		384 Mbps		384 Mbps	
DISPLAY	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, up to 16TB each disk 32TB max		4 SATA Ports, up to 16TB each disk 64TB max	
RAID	—		—		—		—	
ESATA/MINI SAS	—		—		—		1/—	
AUDIO IN/OUT	1/1		1/1		1/1		1/2	
ALARM IN/OUT	—		4/2		4/2		16/6	
ETHERNET	1 10/100 Mbps Port		1 Gigabit Port		1 Gigabit Port		1 Gigabit Port	
POE	4 Ports (IEEE802.3af) 36 W total		4 Ports (IEEE802.3af) 36 W total	8 Ports (IEEE802.3af) 117 W total	16 Ports (IEEE802.3af) 117 W total	8 Ports 16 Ports 16 Ports (IEEE802.3af/at) (1-8 ports support ePoE)		16 Ports (IEEE802.3af/at) (1-8 ports support ePoE)
DIMENSIONS	1U 8.06 in. x 8.12 in. x 1.80 in.	1U 10.63 in. x 8.12 in. x 1.80 in.	1U 14.76 in. x 11.14 in. x 2.09 in.	1U 14.76 in. x 12.91 in. x 2.09 in.	1U 14.76 in. x 12.91 in. x 2.09 in.	1U 14.76 in. × 12.97 in. × 2.09 in.		1.5U 17.32 in. × 16.34 in. × 2.76 in.
POWER	48 VDC or 53 VDC		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)	100-240 VAC, 46/63 Hz ≤10 W (without HDD)	100-240 VAC, 50/60 Hz ≤13W (without HDD)
	1.25 A or 1.13 A < 10 W (without HDD)	2 A or 1.8 A < 10 W (without HDD)						

NETWORK VIDEO RECORDERS



MODEL	N84B3P N84B3N N84B5N		N98A5N N98A6N N98A7N	
INNOVATIVE FEATURES				
KEY FEATURES	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	
VIDEO COMPRESSION	Smart H.265+, H.265, Smart H.264+, H.264, MJPEG		Smart H.265+, H.265, Smart H.264+, H.264, MPEG4, MJPEG	
IP VIDEO INPUTS	16CH 32CH		32 CH 64CH 128CH Up to 32MP	
MAX INPUT/RECORD	384 Mbps		1024 Mbps	
DISPLAY	2 HDMI, 2 VGA		4 HDMI, 2 VGA	
MAX HDD	4 SATA Ports, up to 16TB each disk 64TB max		8 SATA Ports, up to 16TB each disk 128TB max	
RAID	—		0/1/5/6/10	
ESATA/MINI SAS	1/-		1/-	
AUDIO IN/OUT	1/2		1/2	
ALARM IN/OUT	16/6		16/8	
ETHERNET	2 Gigabit Ports		2 Gigabit Ports	
POE	—		—	
DIMENSIONS	1.5U 17.32 in. x 16.34 in. x 2.76 in.		2U 17.48 in. x 17.98 in. x 3.74 in.	
POWER	100–240 VAC, 50/60 Hz <18 W (without HDD)		100–240 VAC, 50/60 Hz <18 W (without HDD)	



MODEL	DHI-DSS7016DR-S2		
DESCRIPTIONS	DSS Video Management System Server		
INNOVATIVE FEATURES	DSS Pro		
VIDEO CHANNEL	2000 Per Server		
DEPLOYMENT	Distribute		
CENTRAL STORAGE	15 3.5-in. HDD Slots for Video Storage		
EVS VIDEO STORAGE SUPPORT	Direct & iSCSI		
TOTAL INCOMING/OUTGOING BANDWIDTH (MBPS)	600/600Mbps		
CLIENTS PER SYSTEM	200 Simultaneous		
MOBILE APP	Yes		
FACE DETECTION+ CAMERAS	64		
LPR CAMERAS	64		
ACCESS CONTROL CONTROLLERS & DOORS	200 IPs and 1024 doors as main server 500 IPs and 2500 doors as sub server		
INTERCOM VTO/INTERCOM VTH	2000 VTH, 200 VTO as main server 5000 VTH, 500 VTO as sub server		
INSTALL CLIENT ON MULTIPLE PCs	Yes		
DIMENSIONS	3U 17.51 in. x 5.24 in. x 20.56 in		
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 BAND-WIDTH (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		DIMENSIONS		1.5U 17.32 in. x 2.76 in. 16.06 in.	
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		POWER		100 VAC to 240 VAC, 50/60 Hz	
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 BAND-WIDTH (Incoming/Recording)		512 / 384 Mbps		768 / 768 Mbps		DIMENSIONS		4U 19.0 in. x 19.45 in. x 6.89 in.		3U 19.08 in. x 5.24 in. x 18.65 in.					
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		POWER		100 VAC to 240 VAC, 50/60 Hz, 5 A / 2.5 A Hot-swap support		100–240 VAC 50–60 Hz, 6.3-3.5 A Hot-swap support					
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													
DIMENSIONS		3U 17.51 in. x 21.24 in. x 5.20 in.													
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
DESCRIPTION	4-port Fast Ethernet PoE Switch	8-port Fast Ethernet PoE Switch	16-port PoE 2.0 Managed Fast Ethernet Switch	24-port PoE 2.0 Managed Fast Ethernet Switch	4-port PoE Gigabit Switch	8-port PoE 2.0 Gigabit Switch
PORT CONFIGURATION	4 FE PoE+2 FE (RJ45) Uplinks	8 FE PoE + 2 GbE (RJ45) Uplink	16 FE PoE Ports + 2 GbE Combo (RJ45/SFP) Uplinks	24 FE PoE Ports + 2 GbE Combo (RJ45/SFP) Uplinks	4 GbE PoE + 2 GbE (RJ45) Uplink	8 GbE PoE Ports + 2 GbE Combo (RJ45) Uplinks
SFP OPTICAL PORTS	—	—	2 GbE SFP (Combo)	2 GbE 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	60 W	96 W	240 W	360 W	60 W	96 W
POE WATCHDOG	Supported	Supported	Supported	Supported	Supported	Supported
LONG DISTANCE POE TRANSMISSION	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)
INTELLIGENT POE MANAGEMENT	Supported	Supported	Supported	Supported	Supported	Supported
SWITCHING CAPACITY	1.8 Gbps	5.6 Gbps	8.8 Gbps	8.8 Gbps	14 Gbps	20 Gbps
PACKET FORWARDING RATE	890 Kpps	4.17 Mpps	5.36 Mpps	6.55 Mpps	8.93 Mbps	14.88 Mpps
PACKET BUFFER MEMORY	768 Kb	4 Mb	2.75 Mb	2.75 Mb	1 Mb	1.5 Mb
MAC TABLE SIZE	2K	8K	4K	4K	2K	4K
VLAN	—	—	Supported	Supported	—	—
LINK AGGREGATION	—	—	Supported	Supported	—	—
SPANNING TREE	—	—	Supported	Supported	—	—
MANAGEMENT	—	—	Web and SNMP	Web and SNMP	—	—
LIGHTNING PROTECTION	Common Mode 2 kV Differential Mode 1 kV	Common Mode 4 kV Differential Mode 2 kV	Common Mode 4 kV Differential Mode 2 kV	Common Mode 4 kV Differential Mode 2 kV	Common Mode 2 kV Differential Mode 1 kV	Common Mode 6 kV Differential Mode 4 kV
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	130 mm × 85 mm × 26 mm (5.1 in. × 3.3 in. × 1.0 in.)	190 mm × 100 mm × 30 mm (7.5 in. × 3.9 in. × 1.2 in.)	440 mm × 300 mm × 44 mm (17.3 in. × 11.8 in. × 1.7 in.)	440 mm × 300 mm × 44 mm (17.3 in. × 11.8 in. × 1.7 in.)	130 mm × 85 mm × 26 mm (5.1 in. × 3.3 in. × 1.0 in.)	190 mm × 100 mm × 30 mm (7.5 in. × 3.9 in. × 1.2 in.)

TRANSMISSION



NEW

MODEL	DH-S4210-8GT-110	DH-S4220-16GT-240	DH-S4228-24GT-360	DH-IS4210-8GT-120	DH-PFS4307-4ET-96	DH-LR2110-8ET-120
DESCRIPTION	8-port PoE 2.0 Managed Gigabit Switch	16-port PoE 2.0 Managed Gigabit Switch	24-port PoE 2.0 Managed Gigabit Switch	8-port PoE 2.0 Industrial Gigabit Managed Ethernet Switch	4-port PoE 2.0 Hardened Managed Ethernet Switch	8-port ePoE Fast Ethernet Switch
PORT CONFIGURATION	8 GbE PoE+2 GbE	16 GbE PoE+2 GbE	24 GbE PoE+2 GbE	8 GbE PoE	4 FE PoE+3 GbE	8 FE PoE+1 GE
SFP OPTICAL PORTS	2 GbE SFP	2 GbE SFP	2 GbE SFP	2 GbE SFP	3 GbE SFP	1 GE SFP
POE STANDARD	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	PoE (802.3af), PoE+ (802.3at), Hi-PoE, PoE++ (802.3bt)	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	110 W	240 W	360 W	120 W	96 W	120 W
POE WATCHDOG	Supported	Supported	Supported	Supported	Supported	—
LONG DISTANCE POE TRANSMISSION	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)	Yes (820 ft)	Yes (2625 ft)
INTELLIGENT POE MANAGEMENT	Supported	Supported	Supported	Supported	Supported	—
SWITCHING CAPACITY	20 Gbps	56 Gbps	56 Gbps	20 Gbps	6.8 Gbps	8.8 Gbps
PACKET FORWARDING RATE	14.88 Mpps	29.76 Mpps	41.7 Mpps	14.88 Mpps	5.06 Mpps	4.17 Mpps
PACKET BUFFER MEMORY	4.1 Mb	4.1 Mb	4.1 Mb	4 Mb	1 Mb	2.75 Mb
MAC TABLE SIZE	8K	8K	8K	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 and SNMP	Web and SNMP	Web and SNMP	WEB, CLI, SNMP	Web and SNMP	—
LIGHTNING PROTECTION	Common Mode 4 kV Differential Mode 2 kV	Common Mode 4 kV Differential Mode 2 kV	Common Mode 6 kV Differential Mode 4 kV	Common Mode 6 kV Differential Mode 4 kV	Common Mode 4 kV Differential Mode 2 kV	Common Mode 4 kV Differential Mode 2 kV
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)	-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	240 mm x 104 mm x 28 mm (9.45 in x 4.12 in x 1.10 in)	440 mm x 300 mm x 44 mm (17.32 in. x 11.81 in. x 1.73 in.)	440 mm x 300 mm x 44 mm (17.32 in. x 11.81 in. x 1.73 in.)	175 mm x 134 mm x 53 mm (6.9 in. x 5.3 in. x 2.1 in.)	265 mm x 238 mm x 76 mm (10.43 in. x 9.37 in. x 2.99 in.)	150 mm x 100 mm x 42 mm (5.91 in. x 3.94 in. x 1.65 in.)

TRANSMISSION



MODEL	DH-LR2218-16ET-240	DH-LR2226-24ET-360
DESCRIPTION	16-port ePoE Layer 2 Managed Switch	24-port ePoE Layer 2 Managed Switch
PORT CONFIGURATION	16 FE PoE+2 GE (Combo)	24 FE PoE+2 GbE (Combo)
SFP OPTICAL PORTS	2 GbE SFP(Combo)	2 GbE SFP(Combo)
POE STANDARD	PoE (802.3af), PoE+ (802.3at), Hi-PoE	PoE (802.3af), PoE+ (802.3at), Hi-PoE
POE BUDGET	240 W	360 W
POE WATCHDOG	—	—
LONG DISTANCE POE TRANSMISSION	Yes (2625 ft)	Yes (2625 ft)
INTELLIGENT POE MANAGEMENT	—	—
SWITCHING CAPACITY	8.8 Gbps	8.8 Gbps
PACKET FORWARDING RATE	5.36 Mpps	6.55 Mpps
PACKET BUFFER MEMORY	2.75 Mb	2.75 Mb
MAC TABLE SIZE	4K	4K
VLAN	Supported	Supported
LINK AGGREGATION	Supported	Supported
FLOW CONTROL	Supported	Supported
SPANNING TREE	Supported	Supported
MANAGEMENT	Web and SNMP	Web and SNMP
LIGHTNING PROTECTION	Common Mode 4 kV Differential Mode 2 kV	Common Mode 4 kV Differential Mode 2 kV
WORKING TEMPERATURE	14° F to 131° F (-10° C to 55° C)	14° F to 131° F (-10° C to 55° C)
DIMENSIONS	440 mm x 300 mm x 44 mm (17.3 in. x 11.8 in. x 1.7 in.)	440 mm x 300 mm x 44 mm (17.3 in. x 11.8 in. x 1.7 in.)



MODEL	DH-PFWB5-10n	DH-PFWB5-90n
DESCRIPTION	5 GHz N300 Outdoor Wireless CPE	5 GHz N300 Outdoor Wireless Base Station
FAST/GIGABIT ETHERNET	1 FE	1 FE
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	300 Mbps	300 Mbps
TRANSMISSION DISTANCE	5 km (recommended) 7 km (Max)	5 km (recommended) 7 km (Max)
ANTENNA GAIN	20 dBi	18 dBi
POLARIZATION	Dual Linear: Horizontal 10°, Vertical 10°	Dual Linear: Horizontal 90°, Vertical 90°
TX POWER MAX	29 dBm	29 dBm
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 3 kV Differential Mode 1 kV	Common Mode 3 kV Differential Mode 1 kV
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)
DIMENSIONS	185 mm x 185 mm x 81 mm (7.3in. x 7.3in. x 3.2in.)	383 mm x 100 mm x 98 mm (15.1in. x 3.9in. x 3.9in.)
POWER	12 - 24V DC Passive PoE	12 - 24V DC Passive PoE

HDCVI CAMERAS

					
MODEL	A21BJ02	A22DL62 A22DF63 A22DJ62	A22DMAZ A22DFAZ A22DJAZ	A51BJ02 A51BJ02-B	A52CF62 A52CJ62
INNOVATIVE FEATURES	LiteSeries	LiteSeries	LiteSeries	LiteSeries	LiteSeries
IMAGE SENSOR	1/2.7 -in 1080p CMOS	1/2.8 -in 2MP CMOS	1/2.8 -in 2MP CMOS	1/2.7 -in 5MP CMOS 16:9 Aspect Ratio	1.27 -in 5MP CMOS 16:9 Aspect Ratio
MINIMUM ILLUMINATION	Color: 0.02 Lux/F2.0 0 Lux (IR on)	Starlight+ Color: 0.001 lux/F1.6 0 lux/F1.6 (IR on)	Starlight+ Color: 0.001 lux/F1.5 0 lux/F1.5 (IR on)	Color: 0.01 lux/F1.6 0 lux/F1.6 (IR on)	Color: 0.001 lux/F1.0 (with white light LED)
LENS	2.8 mm	3.6 mm	2.7 mm to 13.5 mm, Motorized Lens	2.8 mm	2.8 mm
MAXIMUM IR DISTANCE	98 ft (30 m)	131 ft (40 m)	197 ft (60 m)	98 ft (30 m)	Enhanced Night Color White-light: 65ft (20m)
OSD MENU	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
NOISE REDUCTION	2D	3D	3D	2D	3D
VIDEO OUTPUT	One (1) BNC HDCVI High-definition Channel or One (1) BNC CVBS, AHD or TVI 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	—	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 355° Tilt: 0° to 65° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 80° Rotation: 0° to 355°	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°
ENVIRONMENTAL PROTECTION	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)
POWER	12 VDC ± 30% Max 2.9 W (12 VDC, IR on)	12 VDC ± 30% Max 3.1 W (12 VDC, IR on)	24 VAC ± 25% or 12 VDC ± 30% Max 9.9 W (12 VDC, IR on)	12 VDC ±30% Max 3.2 W (12 VDC, IR on)	12 VDC ± 30% Max 4.4 W (12 VDC, IR on)

HDCVI CAMERAS



MODEL	A52CF6Z A52CJ6Z	A81AJ22	A22CJN2	A52CJC2	A52BL62 A52BB62 A52BJ62
INNOVATIVE FEATURES	LiteSeries	LiteSeries	ProSeries	ProSeries TIOC	ProSeries
IMAGE SENSOR	5MP CMOS 16:9 Aspect Ratio	1/2.7 -in 4K (8MP) CMOS	1/2.8 2MP CMOS	1.27 -in 5MP CMOS 16:9 Aspect Ratio	1/2.8 -in 5MP STARVIS™ CMOS
MINIMUM ILLUMINATION	Color: 0.001 lux/F1.0 (with white light LED)	Color: 0.03 lux/F2.0 0 lux/2.0 (IR on)	0.0002 lux/F1.0 White-light Illumination	Enhanced Starlight Color: 0.001 lux/F1.0 (30 IRE) 0 lux/F1.0 (with illuminators on)	Enhanced Starlight Color: 0.005 lux/F1.6 0 lux/F1.6 (IR on)
LENS	2.7 mm to 13.5 mm, Motorized	2.8 mm	2.8 mm	2.8 mm	2.8 mm
MAXIMUM IR DISTANCE	Enhanced Night Color White-light: 196.9 ft (60 m)	98 ft (30 m)	Enhanced Night Color White-light: 131 ft (40 m)	Smart Dual Illumination IR: 131 ft (40 m) White Light: 131 ft (40 m)	98 ft (30 m)
OSD MENU	Multi-language	Multi-language	Multi-language	—	Multi-language
NOISE REDUCTION	3D	2D/3D	3D	Advanced 3D	2D/3D
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) HDCVI High-definition Channel or One (1) CVBS Channel, switchable
AUDIO IN/OUT	1 Channel In plus a Built-in Microphone	—	Built-in Microphone	1 + Built-in Microphone	1 Channel In
ALARM IN/OUT	—	—	—	One (1) Output Channel (300 mA, 12 VDC)	—
INSTALLATION ANGLE	Pan: 0° to 360° Tilt: 0° to 90° 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 65° Rotation: 0° to 355°
ENVIRONMENTAL PROTECTION	IP67	IP67	IP67	IP67	IP67, IK10
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)	-22° F to 140° F (-30° C to 60° C)
POWER	24 VAC ±25% or 12 VDC ±10% Max 14.92 W (12 VDC, IR on)	12 VDC ±30% Max 5.2 W (12 VDC, IR on)	12 VDC ±30% Max 5.8W (12 VDC, IR on)	12 V ± 30% DC Max 10.5W (12 VDC with illuminator on)	12 VDC ±30%) Max 5.3 W (12 VDC, IR on)

HDCVI CAMERAS



MODEL	A52BMAZ A52BMAZ-B A52BFAZ A52BJAZ	A82CJN2	A82AF53 A82AG52	A82AF5V A82AH5V
INNOVATIVE FEATURES	ProSeries	ProSeries	ProSeries	ProSeries
IMAGE SENSOR	1/2.8 -in 5MP STARVIS™ CMOS	1/2.8 -in 4K (8MP) CMOS	1/1.8 -in 4K (8MP) CMOS	1/1.8 -in 4K (8MP) CMOS
MINIMUM ILLUMINATION	Enhanced Starlight Color: 0.005 lux/F1.3 0 lux/F1.3 (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)	Enhanced Starlight Color: 0.005 lux/F1.5 0 lux/F1.5 (IR on)
LENS	2.7 mm to 13.5 mm, Motorized	2.8 mm	2.8 mm	3.7 mm to 11 mm, Motorized
MAXIMUM IR DISTANCE	98 ft (30 m)	Enhanced Night Color White-light: 131 ft (40 m)	98 ft (30 m)	98 ft (30 m)
OSD MENU	Multi-language	—	Multi-language	Multi-language
NOISE REDUCTION	2D/3D	3D	2D/3D	2D/3D
VIDEO OUTPUT	One (1) HDCVI High-definition Channel or One (1) CVBS Channel, 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	One (1) HDCVI 4K (8MP) Channel or One (1) CVBS Channel, switchable
AUDIO IN/OUT	1 Channel In	Built-in Microphone	1 Channel In	1 Channel In
ALARM IN/OUT	—	—	—	—
INSTALLATION ANGLE	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 355° Tilt: 0° to 75° Rotation: 0° to 355°	Pan: 0° to 355° Tilt: 0° to 75° Rotation: 0° to 355°
ENVIRONMENTAL PROTECTION	IP67, IK10	IP67	IP67, IK10	IP67, IK10
WORKING TEMPERATURE	-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)
POWER	24 VAC ±30% or 12 VDC ±30% Max 11.8 W (12 VDC, IR on)	12VDC ±30% Ma 6.9 W	12 VDC ±30% Max 7 W (12 VDC, IR on)	24 VAC ±30% or 12 VDC ±30% Max 8.4 W (12 VDC, IR on)

HDCVI CAMERAS



MODEL	59232ICLA	49225ICLA	22204ICLB
INNOVATIVE FEATURES	ProSeries	ProSeries	LiteSeries
IMAGE SENSOR	1/2.8 -in 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS Sensor	1/2.7" 2MP CMOS
MINIMUM ILLUMINATION	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	4.5 mm to 144 mm, Motorized (32x Optical Zoom)	4.8 mm to 120 mm, Motorized (25x Optical Zoom)	2.7 mm to 11 mm, Motorized (4x Optical Zoom)
MAXIMUM IR DISTANCE	492 ft (150 m)	328 ft (100m)	—
OSD MENU	Multi-language	Multi-language	Multi-language
NOISE REDUCTION	2D/3D	2D/3D	2D/3D
VIDEO OUTPUT	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° 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°
INSTALLATION ANGLE	—	—	—
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/—	—
ALARM IN/OUT	2/1	2/1	—
ENVIRONMENTAL PROTECTION	IP66	IP66	IP66 , IK10
WORKING TEMPERATURE	-40° F to 140° 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	24 VAC ±25%, 2.5 A Max 22 W	12 VDC ±10%, 3 A Max 23.2 W	12 VDC Max 10 W

HDCVI SECURITY SYSTEM KITS



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 -in 1080p CMOS	1/2.7 -in 5MP CMOS 16:9 Aspect Ratio	1/2.7 -in 5MP CMOS 16:9 Aspect Ratio	1/2.7 -in 5MP CMOS 16:9 Aspect Ratio	1/2.7 -in 8MP CMOS	1/2.7 -in 8MP CMOS
MIN 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	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm
MAX 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)	Digital WDR	DWDR	DWDR	DWDR	True WDR (120dB)	True WDR (120dB)
AUDIO	—	—	—	—	—	—
ENVIRONMENTAL	IP67	IP67	IP67	IP67	IP67	IP67
POWER	12 VDC $\pm$ 30% Max 2.9W (12 VDC, IR on)	12 VDC ($\pm$ 30%) Max 3.2 W (12 VDC, IR on)	12 VDC ($\pm$ 30%) Max 3.2 W (12 VDC, IR on)	12 VDC ($\pm$ 30%) Max 3.2 W (12 VDC, IR on)	12 VDC ($\pm$ 30%) Max 5.2 W (12 VDC, IR on)	12 VDC ($\pm$ 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
MAX 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	64 Mbps / 64 Mbps	128 Mbps / 128 Mbps	128 Mbps / 128 Mbps	128 Mbps / 128 Mbps	128 Mbps / 128 Mbps
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
MAX HDD	One (1) SATA Port, 6TB max (Ships with a pre-installed 2TB HDD)	1 SATA Port, up to 10TB (Ships with a pre-installed 2TB HDD)	2 SATA Ports, up to 10TB each disk 20TB max (Ships with a pre-installed 2TB HDD)	2 SATA Ports, up to 10TB each disk 20TB max (Ships with a pre-installed 4TB HDD)	2 SATA Ports, up to 10TB each disk 20TB max (Ships with a pre-installed 4TB HDD)	2 SATA Ports, up to 10TB each disk 20TB max (Ships with a pre-installed 4TB HDD)
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, 2 A <7 W (Without HDD)	12 VDC, 4 A <10 W (Without HDD)	12 VDC, 5 A <15 W (Without HDD)	12 VDC, 5A <15 W (Without HDD)	12 VDC, 5A <32 W (Without HDD)

HDCVI VIDEO RECORDERS



MODEL	X81B1E	X51C3E X51C2E X51C1E				X82R3N X82R2A		X82B3A X82B2A	
INNOVATIVE FEATURES	LiteSeries WizSense	LiteSeries WizSense				ProSeries WizSense		ProSeries WizSense	
KEY FEATURES	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output	1080p Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission				4K Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output		4K Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output	
VIDEO COMPRESSION	Smart H.265+, H265, Smart H.264+, H.264	Smart H.265+, H265, Smart H.264+, H.264				Smart H.265+, H265, Smart H.264+, H.264		Smart H.265+, H265, Smart H.264+, H.264	
VIDEO STANDARD	HDCVI/TVI/AHD/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)				HDCVI/TVI/AHD/CVBS (Auto-detect)		HDCVI/TVI/AHD/CVBS (Auto-detect)	
MAX RECORD RATE	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	5M-N at 10 fps; 4M-N, 1080p at 15 fps 1080N, 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, 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, or CIF at 30 fps	
ANALOG INPUT	4CH	16CH	8CH	4CH	16	8	16	8	
IP INPUT	4+4CH Up to 8MP	16+8CH Up to 6MP	8+4CH Up to 6MP	4+2CH Up to 6MP	16+16CH Up to 8MP	8+8CH Up to 8MP	16+16CH Up to 8MP	8+8CH Up to 8MP	
MAX INPUT	64 Mbps	96 Mbps	48 Mbps	32 Mbps	128 Mbps		128 Mbps		
AUDIO IN/OUT	4/1, 2-Way	16/1, 2-Way	8/1, 2-Way	4/1, 2-Way	1/1, 2-Way	4/1, 2-Way	1/1, 2-Way	4/1, 2-Way	
MAX HDD	1 SATA Port, up to 10TB each disk 10TB Max Total	1 SATA Port, up to 10TB each disk 10TB Max Total	1 SATA Port, up to 10TB each disk 10TB Max Total	1 SATA Port, up to 6TB each disk 6TB Max Total	2 SATA Port, up to 10TB each disk 20TB Max Total		2 SATA Port, up to 10TB each disk 20TB Max Total		
DISPLAY	1 HDMI, 1 VGA		1 HDMI, 1 VGA		1 HDMI, 1 VGA		1 HDMI, 1 VGA		
ESATA	—	—	—	—	—		—		
USB	2 USB 2.0 Ports	1 USB 2.0 Port, 1 USB 3.0 Ports	2 USB 2.0 Ports	2 USB 2.0 Ports	1 USB 2.0 Port, 1 USB 3.0 Port		1 USB 2.0 Port, 1 USB 3.0 Ports		
ALARM IN/OUT	8/3	16/3	8/3	8/3	—	8/3	16/3	8/3	
ETHERNET	1 100 Mbps Port	1 Gigabit Port	1 100 Mbps Port	1 100 Mbps Port	1 Gigabit Port		1 Gigabit Port		
DIMENSIONS	Mini 1U 12.80 in. x 10.11 in. x 2.17 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 11.30 in. x 2.09 in.	1U 14.76 in. x 10.96 in. x 2.09 in.	1U 14.80 in. x 11.31 in. x 2.09 in.
POWER	12 VDC, 2 A <7 W (Without HDD)	12 VDC, 2 A <15 W, without HDD	12 VDC, 2 A <10 W, without HDD	12 VDC,1.5 A <4 W, without HDD	12 VDC, 5 A <32 W (Without HDD)	12 VDC, 5 A <15 W (Without HDD)	12 VDC, 5 A <15 W (Without HDD)	12 VDC, 4 A <10 W (Without HDD)	

HDCVI VIDEO RECORDERS



MODEL	X54B5L	X52B3A	X88B5S	X84R3L
INNOVATIVE FEATURES	ProSeries WizSense	ProSeries WizSense	UltraSeries WizSense	UltraSeries WizSense
KEY FEATURES	1080p Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output	1080p Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output	4K Penta-brid, Perimeter Protection, Smart Motion Detection, Coax Audio, Long Distance Transmission, Spot Output
VIDEO COMPRESSION	Smart H.265+, H265, Smart H.264+, H.264	Smart H.265+, H265, Smart H.264+, H.264	Smart H.265+, H265, Smart H.264+, H.264	Smart H.265+, H265, Smart H.264+, H.264
VIDEO STANDARD	HDCVI/TVI/AHD/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)	HDCVI/TVI/AHD/CVBS (Auto-detect)
MAX RECORD RATE	5M-N at 10 fps; 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, or CIF at 30 fps	5M-N at 10 fps; 4M-N, 1080p at 15 fps 1080N, 720p, 960H, D1, or 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, or CIF at 30 fps
ANALOG INPUT	32CH	16CH	32CH	16CH
IP INPUT	32CH Up to 8MP	16+8CH Up to 6MP	32CH Up to 12MP	32CH Up to 12MP
MAX INPUT	128 Mbps	128 Mbps	128 Mbps	128 Mbps
AUDIO IN/OUT	4/1, 2-way	4/1, 2-way	16/1, 2-way	4/1, 2-way
MAX HDD	4 SATA Port, up to 10TB each disk 40TB Max Total	2 SATA Port, up to 10TB each disk 20TB Max Total	8 SATA Port, up to 10TB each disk 80TB Total Max	4 SATA Port, up to 10TB each disk 40TB Total Max
DISPLAY	2 HDMI, 1 VGA, 1 BNC	1 HDMI, 1 VGA	2 HDMI, 1 VGA, 1 BNC	2 HDMI, 1 VGA, 1 BNC
ESATA	1	—	—	1
USB	1 USB 2.0 Port, 2 USB 3.0 Ports	1 USB 2.0 Port, 1 USB 3.0 Ports	2 USB 2.0 Ports, 2 USB3.0 Ports	1 USB 2.0 Port, 2 USB3.0 Ports
ALARM IN/OUT	16/6	16/3	16/6	16/3
ETHERNET	1 Gigabit Port	1 Gigabit Port	2 Gigabit Ports	1 Gigabit Port
DIMENSIONS (WxDxH)	1.5U 17.30 in. x 16.40 in. x 3.0 in.	1U 14.76 in. x 10.96 in. x 2.09 in.	2U 17.32 in. x 18.23 in. x 3.73 in.	1.5U 17.32 in. x 16.37 in. x 2.99 in.
POWER	100 VAC to 240 VAC, 50/60 Hz <35 W (Without HDD)	12 VDC, 4 A <12 W (Without HDD)	100 VAC to 240 VAC, 50/60 Hz <30 W (Without HDD)	100 VAC to 240 VAC, 50/60 Hz <30 W (Without HDD)

ACCESSORIES



MODEL	DH-PFM800-4K	PFM801	PFM800-E	DHDH Series HDD	DHDH Series HDD	LR1002-1ET / LR1002-1EC
DESCRIPTION	4K Passive HDCVI Balun	Passive HDCVI Balun with Power	Passive HDCVI Balun	Enterprise Grade HDD	Non-Enterprise HDD	Single-port EoC Extender
KEY FEATURES	- One (1) Channel Balun - Real-time Transmission over UTP CAT5E/6 Cable - Compatible with HDCVI, TVI, AHD, and CVBS Video Formats - Transmission Distance at 4K: 200 m (656 ft) - External Power Supply not Required	- Input voltage 24 VDC to 36 VDC - Provides 12 VDC, 8 W Power Supply to Remote Cameras - Real-time Video Transmission without Delay or Interference. - Transmission distance: 300 m (984 ft) - Transmit one-channel HD Video and one channel DC Power over a UTP (CAT-5E or CAT-6) Cable - Surge Protection and Anti-interference Protection - RJ45 Standard Connection	- One (1) Channel Balun - Real-time Transmission over UTP CAT 5E/6 Cable - External Power Supply not Required	- Enterprise Drive for Bulk Data Applications - RAID Support - Designed for 24/7 Surveillance-optimized Hard Drive Applications - Tarnish-resistant Components to Minimize Environmental Effects	- Designed for 24/7 Surveillance-optimized Hard Drive Applications - Engineered for Workloads up to 180 TB/year - Capacity Up to 16 TB*, Supports 64 Cameras per Drive - Low Power Consumption and Startup Current - Tarnish-resistant Components to Minimize Environmental Effects	- 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



MODEL	LR1002	DH-PFM900-E	DH-PFM904	DHI-LM55-S400	DHI-LM43-F400	DHI-LM28-F400
DESCRIPTION	EoC Passive Converter	Integrated Mount Tester	4-inch Video Security Tester	55-inch Ultra-HD LED Monitor	43-inch Ultra-HD LED Monitor	28-inch Ultra-HD LED Monitor
KEY FEATURES	- 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	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	- 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	4K Ultra-HD Resolution - Built-in 3D Comb Filter And 3D Noise Reduction 6 ms Response Time for No Motion Blur, Judder, or Ghosting - Compatible with VESA Mounting Pattern 400 mm X 400 mm 1.07b Colors for a Realistic and Immersive Visual Experience 178°/178° Wide Uninterrupted Viewing Angle - Support Multiple Signals such as HDMI, DP, VGA, USB Multimedia, Audio, RS232	4K Ultra-HD resolution 8 ms Response Time for No Motion Blur, Judder, or Ghosting - Compatible with VESA Mounting Pattern 200 mm x 200 mm 1.07B Colors for a Realistic and Immersive Visual Experience 178°/178° Extra-wide Viewing Angle for Overall Viewing Performance	- High-resolution Display Up to 3840 x 2160 - IPS Panel Technology 178°H/178°V Extra-wide Viewing Angle for Overall Viewing Performance - Screen Surface With a Hardness of at Least 3h - Supports Multiple Signal Interfaces - Compatible with VESA Mounting Pattern 75 mm X 75 mm



MODEL	DHI-LM43-F200	DHI-LM32-F200	DHI-LM27-B200	DHI-LM24-B200	DHL22-F600-S
DESCRIPTION	43-inch Full HD LED Monitor	31.5-inch Full HD LED Monitor	27-inch Full HD LED Monitor	23.8-inch Full HD LED Monitor	21.5-inch Full HD LED Monitor
KEY FEATURES	- 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 16.7 Million Colors - Supports HDMI, VGA, and USB Video Input - Low Energy Consumption	- 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 16.7 Million Color Display - Supports HDMI, VGA, and USB Video Input - Low Energy Consumption	- High-fidelity Digital Signal Processing for Vivid Video 1920 x 1080p Resolution; 16:9 Aspect Ratio - Narrow Bezel Design Offers 178°/178° Viewing Angles 16.7 Million Colors - Supports HDMI and VGA Video Inputs - Blue Light Filter - Compatible with VESA Mounting Patterns - Low Energy Consumption	- High-fidelity Digital Signal Processing for Vivid Video 1920 x 1080p Resolution; 16:9 Aspect Ratio - Narrow Bezel Design Offers 178°/178° Viewing Angles 16.7 Million Colors - Supports HDMI and VGA Video Inputs - Blue Light Filter - Compatible with VESA Mounting Patterns - Low Energy Consumption	- 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 16.7 Million Color Display - Supports HDMI and VGA Video Input - Low Energy Consumption

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 (949) 679-7777

 sales.usa@dahuatech.com

 us.dahuasecurity.com

 15245 Alton Parkway, Suite #100, Irvine, CA 92618