



DAHUA PRODUCT GUIDE

Network & HDCVI Cameras | Recorders | Accessories | Video Software

2016

1st Quarter
North America Only

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IP Products



Network Cameras
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	Ultra Series	Super Series			
Model	DH-IPC-HF812A0EN(-I) 	DH-IPC-HFW83A1EN-Z(I) 	DH-IPC-HFW82A1EN-Z(I) 	DH-IPC-HDBW83A1EN-Z(I) 	DH-IPC-HDBW82A1EN-Z(I) 
Image Sensor	1/1.7" 12MP Exmor R CMOS	1/2.8" 3MP Exmor R CMOS	1/2.8" 2MP Exmor R CMOS	1/2.8" 3MP Exmor R CMOS	1/2.8" 2MP Exmor R CMOS
Lens	CS	2.7-12mm/F1.4, motorized	2.7-12mm/F1.4, motorized	2.7-12mm/F1.4, motorized	2.7-12mm/F1.4, motorized
Angle of View	--	H: 94°~33°	H: 99°~35°	H: 87°~31°	H: 99°~36°
Min. Illumination	0.05Lux/F1.2(Color) 0.005Lux/F1.2(B/W)	0.005Lux/F1.4(Color), 0Lux/F1.4(IR on)	0.005Lux/F1.4(Color) 0Lux/F1.4(IR on)	0.005Lux/F1.4(Color), 0Lux/F1.4(IR on)	0.005Lux/F1.4(Color) 0Lux/F1.4(IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	140dB	140dB	140dB	140dB
Max. IR Distance	--	55yd	55yd	55yd	55yd
Video Compression	H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Max. Resolution	12M(4000×3000)	3M(2048×1536)	1080P (1920×1080)	3M(2048×1536)	1080P (1920×1080)
Frame Rate	15fps@12M,30fps@4K	30fps@3M	30fps@1080P	30fps@3M	30fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Intelligent Video*	Tripwire, Intrusion, Scene change, Face detect, people counting, heat map	Tripwire,Intrusion, Scene Change, Abandoned/ Missing, Face Detection, People Counting, Heat Map	Tripwire, Intrusion, Scene change, Face detect, people counting, heat map	Tripwire,Intrusion, Scene Change, Abandoned/ Missing, Face Detection, People Counting, Heat Map	Tripwire, Intrusion, Scene change, Face detect, people counting, heat map
Compatibility	ONVIF (2.4), PSIA, CGI	ONVIF(2.4),PSIA,CGI	ONVIF (2.4), PSIA, CGI	ONVIF(2.4),PSIA,CGI	ONVIF (2.4), PSIA, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB
Alarm In/Out	2/1	2/1	2/1	1/1	1/1
Ingress Protection	--	IP67, IK10(optional)	IP67	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C	-30°C~+60°C, -40°C~60°C(Heater)	-30°C~+60°C -40°C~60°C(Heater)	-30°C~+60°C, -40°C~60°C(Heater)	-30°C~+60°C -40°C~60°C(Heater)
Power	DC12V/AC24V PoE (802.3af), 8W	DC12V(AC24V optional), PoE (802.3af), Max 14W	DC12V(AC24V optional) PoE (802.3af), 12.5W	DC12V/AC24V, PoE (802.3af), Max 13.5W	DC12V/AC24V PoE (802.3af), 12W

	Pro Series							
Model	DH-IPC-HDBW54A1EN-Z(I) 	DH-IPC-HDBW52A1EN-Z(I) 	DH-IPC-HFW54A1EN-Z(I) 	DH-IPC-HFW52A1EN-Z(I) 	DH-IPC-HDW44A1EN(-I) 	DH-IPC-HDW42A1EN(-I) 	DH-IPC-HFW44A1EN(-I) 	DH-IPC-HFW42A1EN(-I) 
Image Sensor	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS
Lens	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.4 Motorized	2.7~12mm/F1.4 Motorized	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	3.6mm/F2.0, (6mm/F2.0 optional), Manual	3.6mm/F2.0, (6mm/F2.0 optional), Manual
Angle of View	H: 99°~34°	H: 99°~34°	H: 99°~34°	H: 99°~34°	H: 110°/81°/55°	H: 110°/81°/55°	H:84°/56°	H:93°/63°
Min. Illumination	0.01 Lux/F1.4 (Color); 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (Color); 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (Color); 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (Color); 0 Lux/F1.4 (IR on)	0.01Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.01Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0.01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Max. IR Distance	55yd	55yd	55yd	55yd	55yd	55yd	45yd	45yd
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max. Resolution	4MP (2688x1520)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)
Frame Rate	20fps@4MP, 30fps@3MP	30fps@1080P	20fps@4MP, 30fps@3MP	30fps@1080P	20fps@4MP, 30fps@3MP	30fps@1080P	20fps@4MP, 30fps@3MP	30fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Intelligent Video*	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect
Compatibility	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI
Audio In/Out	1/1	1/1	1/1	1/1	--	--	--	--
Memory Slot	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	--	--	--	--
Alarm In/Out	1/1	1/1	2/1	2/1	--	--	--	--
Ingress Protection	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C -40°C~60°C (Heater)	-30°C~+60°C -40°C~60°C (Heater)	-30°C~+60°C -40°C~60°C (Heater)	-30°C~+60°C -40°C~60°C (Heater)	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	DC12V/AC24V PoE (802.3af), 10W	DC12V/AC24V PoE (802.3af), 10W	DC12V PoE (802.3af), 10W	DC12V PoE (802.3af), 10W	DC12V, PoE (802.3af), 4W	DC12V, PoE (802.3af), 4W	DC12V, PoE (802.3af), 6W	DC12V, PoE (802.3af), 6.5W

* Features only available to models ending with the letter "I".

	Pro Series					
Model	IPC-HDBW44A1EN-AS(I)	IPC-HDBW42A1EN-AS(I)	DH-IPC-HDBW44A1FN-AS(I)	DH-IPC-HDBW42A1FN-AS(I)	DH-IPC-HFW44A1SN(-I)	DH-IPC-HFW42A1SN(-I)
						
Image Sensor	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS
Lens	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	2.8mm/F2.0, 3.6mm/F2.0 6mm/F2.0 optional, Manual	3.6mm/F2.0, (6mm/F2.0 optional), Manual
Angle of View	H: 106°/83°/56°	H: 120°/93°/63°	H:84°(106°/84°/56°)	H:93°(120°/93°/63°)	H: 93°/84°/56°	H:93°/63°
Min. Illumination	0. 01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0. 01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0. 01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0. 01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0. 01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0. 01 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Max. IR Distance	35yd	35yd	22yd	22yd	35yd	35yd
Video Compression	H.264/ MJPEG	H.264/ MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/ MJPEG	H.264/ MJPEG
Max. Resolution	4MP (2688x1520)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)
Frame Rate	20fps@4MP, 30fps@3MP	30fps@1080P	20fps@4MP, 30fps@3MP	30fps@1080P	20fps@4MP, 30fps@3MP	30fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Intelligent Video*	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect	Tripwire, Intrusion, Scene change, Face detect
Compatibility	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI
Audio In/Out	1/1	1/1	1/1	1/1	--	--
Memory Slot	Micro SD Max 128GB	Micro SD Max 128GB	Micro SD Max 128GB	Micro SD Max 128GB	--	--
Alarm In/Out	1/1	1/1	1/1	1/1	--	--
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	DC12V, PoE (802.3af), 4W	DC12V, PoE (802.3af), 4W	DC12V, PoE (802.3af), 5W	DC12V, PoE (802.3af), 5W	DC12V, PoE (802.3af), 5W	DC12V, PoE (802.3af), 5.5W

Lite Series					
Model	DH-IPC-HFW23A0RN-ZS 	DH-IPC-HDBW23A0RN-ZS 	DH-IPC-HDW23A0RN-ZS 	DH-IPC-HDBW13A0EN 	DH-IPC-HDBW11A0EN 
Image Sensor	1/3" 3MP CMOS	1/3" 3MP CMOS	1/3" 3MP CMOS	1/3" 3MP CMOS	1/3" 1.3MP CMOS
Focal Length / Lens	2.7mm~12mm/F1.4, Motorized	2.7mm~12mm/F1.4, Motorized	2.7mm~12mm/F1.4, Motorized	2.8mm/F2.0, 3.6mm/F2.0, Manual	2.8mm/F2.0, 3.6mm/F2.0, Manual
Angle of View	H: 92° ~ 28°	H: 92° ~ 28°	H: 92° ~ 28°	H: 92°/81°	H: 89°/71°
Min. Illumination	0.1Lux/F1.4 (Color) 0Lux/F1.4 (IR on)	0.01 Lux/F1.4 (Color) 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (Color) 0 Lux/F1.4 (IR on)	0.1Lux/F2.0 (Color) 0Lux/F2.0 (IR on)	0.1Lux/F2.0 (Color), 0Lux/F2.0 (IR on)
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Distance	35yd	35yd	65yd	35yd	35yd
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/ MJPEG
Max. Resolution	3MP (2048x1536)	3MP (2048x1536)	3MP (2048x1536)	3MP (2048x1536)	1.3MP (1280x960)
Frame Rate	20fps@3MP, 30fps@1080P	20fps@3MP, 30fps@1080P	20fps@3MP, 30fps@1080P	20fps@3MP, 30fps@1080P	30fps@1.3MP
Multi-streaming	2 streams	2 streams	2 streams	2 streams	2 streams
Adjustment Range	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~75° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~65° Rotation: 0°~355°	Pan: 0°~355°, Tilt: 0°~65°, Rotation: 0°~355°
Intelligent Video*	--	--	--	--	--
Compatibility	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF(2.4), CGI
Audio In/Out	--	--	--	--	--
Memory Slot	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	--	--
Alarm In/Out	--	--	--	--	--
Ingress Protection	IP67	IP67, IK10	IP67	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	DC12V/PoE (802.3af), 4.5W	DC12V, PoE (802.3af), 4.5W	DC12V, PoE (802.3af), 7.5W	DC12V, PoE (802.3af), 4W	DC12V, PoE (802.3af), Max 4W

* Features only available to models ending with the letter "I".



Lite Series				
Model	DH-IPC-HDW13A0SN 	DH-IPC-HDW11A0SN 	DH-IPC-HFW13A0SN 	DH-IPC-HFW11A0SN 
Image Sensor	1/3" 3MP CMOS	1/3" 1.3MP CMOS	1/3" 3MP CMOS	1/3" 1.3MP CMOS
Focal Length / Lens	2.8mm/F2.0, 3.6mm/F2.0, 6mm/F2.0 optional, Manual	3.6mm/F2.0, 6mm/F2.0 optional, Manual	2.8mm/F2.0, 3.6mm/F2.0, 6mm/F2.0 optional, Manual	3.6mm/F2.0, 6mm/F2.0 optional, Manual
Angle of View	H: 92°/81°/55°	H: 89°/71°/47°	H: 92°/81°/55°	H: 71°/48°
Min. Illumination	0.1Lux/F2.0 (Color) 0Lux/F2.0(IR on)	0.1Lux/F2.0 (Color), 0Lux/F2.0(IR on)	0.1Lux/F2.0(Color) 0Lux/F2.0(IR on)	0.1Lux/F2.0(Color), 0Lux/F2.0(IR on)
Day/Night	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR
Max. IR Distance	35yd	35yd	35yd	35yd
Video Compression	H.264/MJPEG	H.264/ MJPEG	H.264/MJPEG	H.264/ MJPEG
Max. Resolution	3MP (2048×1536)	1.3MP (1280×960)	3MP (2048×1536)	1.3MP (1280×960)
Frame Rate	20fps@3MP, 30fps@1080P	30fps@1.3MP	20fps@3MP, 30fps@1080P	30fps@1.3MP
Multi-streaming	2 streams	2 streams	2 streams	2 streams
Adjustment Range	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°, Tilt: 0°~90°, Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°, Tilt: 0°~90°, Rotation: 0°~360°
Intelligent Video*	--	--	--	--
Compatibility	ONVIF (2.4), CGI	ONVIF(2.4), CGI	ONVIF (2.4), CGI	ONVIF(2.4), CGI
Audio In/Out	--	--	--	--
Memory Slot	--	--	--	--
Alarm In/Out	--	--	--	--
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	DC12V, PoE (802.3af), 4W	DC12V, PoE (802.3af), Max 4W	DC12V, PoE (802.3af), 5W	DC12V, PoE (802.3af), Max 5W

* Features only available to models ending with the letter "I".

	Ultra Fisheye	Super Fisheye	Pro Fisheye	
Model	DH-IPC-EBW812A0N(-I) 	DH-IPC-EBW86A0N(-I) 	DH-IPC-EB55A0N(-I) 	DH-IPC-EB5400N(-I) 
Image Sensor	1/2.3" 12M Exmor R CMOS	1/1.8" 6MP Exmor R CMOS	1/3" 5MP CMOS	1/3" 4M CMOS
Lens	1.57mm/F2.2, Manual	1.55mm/F2.2, Manual	1.57mm/F2.2, Manual	1.18mm/F2.0, Manual
Angle of View	185°/185°/185°	185°/185°/185°	185°/185°/185°	185°/185°/185°
Min. Illumination	0.01Lux/F2.2(Color), 0Lux/F2.2(IR on)	0.01 Lux/F2.2 (Color), 0 Lux/F2.2 (IR on)	0.01 Lux/F2.2 (Color), 0 Lux/F2.2 (IR on)	0.01Lux/F2.0(Color), 0Lux/F2.0(IR on)
Day/Night	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR
Max. IR Distance	12yd	12yd	--	--
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Resolution	12MP (4000x3000)	6MP (3072x2048)	4MP (2592x1944)	4MP (2592x1520)
Frame Rate	15fps@12MP, 30fps@3MP	30fps@6MP	15fps@5MP, 30fps@UXGA	15fps@4MP, 30fps@UXGA
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Intelligent Video*	Tripwire, Intrusion, Heat Map	Tripwire, Intrusion, Heat map	Heat map	Heat Map
Dewarp Mode	Original , Panoramic, Double Panoramic, 1+3, Eptz, 4 pictures	Original , Panoramic, Double Panoramic, 1+3, Eptz, 4 pictures	Original , Panoramic, Double Panoramic, 1+3, Eptz, 4 pictures	Original , Panoramic, Double Panoramic, 1+3, Eptz, 4 pictures
Compatibility	ONVIF(2.4),PSIA,CGI	ONVIF (2.4),PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF(2.4),PSIA,CGI
Audio In/Out	1/1, Built-in Mic	1/1	1/1	1/1, Built-in Mic
Memory Slot	Micro SD, Max 128GB	Micro SD,Max 128GB	Micro SD,Max 64GB	Micro SD, Max 64GB
Alarm In/Out	2/1	2/1	1/1	1/1
Ingress Protection	IP67,IK10	IP67, IK10	IK10	IK10
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	DC12V, PoE (802.3af), Max 13W	DC12V, PoE (802.3af), 13W	DC12V, PoE (802.3af), 6W	DC12V, PoE (802.3af), Max 6W

* Features only available to models ending with the letter "I".



	Ultra PTZ	Super PTZ		Pro PTZ	
Model	DH-SD6ALA230FN-HN(I) 	DH-SD6AEA230FN-HN(I) 	DH-SD60A230AN-HN(I) 	DH-SD59A230TN-HN(I) 	DH-SD40A212TN-HN(I) 
Image Sensor	1/1.9" 2MP Exmor CMOS	1/1.9" 2MP Exmor CMOS	1/2.8" 2MP Exmor CMOS	1/2.8" 2MP Exmor CMOS	1/2.7" 2MP CMOS
Lens	6~180mm (30x Optical zoom)	6~180mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	4.5~135mm (30x Optical zoom)	5.1~61.2mm (12x Optical zoom)
Angle of View	H: 61.2° ~ 2.3°	H: 61.2° ~ 2.3°	H: 67.8° ~ 2.77°	H: 67.8° ~ 2.77°	H: 59.3° ~ 5.4°
Min. Illumination	0.005 Lux/F1.6 (Color), 0 Lux/1.6 (IR on)	0.005 Lux/F1.6 (Color), 0 Lux/1.6 (IR on)	0.05 Lux/F1.6 (Color), 0.005 Lux/F1.6 (B/W)	0.05 Lux/F1.6 (Color), 0 Lux/1.6 (IR on)	0.05 Lux/F1.6 (Color), 0.005 Lux/F1.6 (B/W)
WDR	120dB	120dB	140dB	DWDR	120dB
Max. IR Distance	550yd	220yd	-	110yd	-
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Max. Resolution	1080P (1920 x 1080)	1080P (1920 x 1080)	1080P (1920x1080)	1080P(1920x1080)	1080P (1920x1080)
Frame Rate	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fp@1080P, 60fps@720P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Zoom	300 Presets, Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Preset Speed	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 650° /s; Tilt: 500° /s	Pan: 400° /s; Tilt: 300° /s	Pan: 300°/s; Tilt:200°/s
Intelligent Video*	Tripwire, Intrusion, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving, Face detection and etc.	Tripwire, Intrusion, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving, Face detection and etc.	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection
Compatibility	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 64GB	Micro SD, Max 128GB	Micro SD, Max 128GB
Alarm In/Out	7/2	7/2	7/2	2/1	2/1
Ingress Protection	IP67	IP67, IK10	IP67, IK10	IP66	IP66, IK10
WorkingTemperature	-40°C ~ +70°C	-40°C ~ +70°C	-40°C~+70°C	-40°C~+70°C	-40°C ~ +60°C
Power	AC24V, Hi-PoE	AC24V, Hi-PoE	AC24V, PoE+ (802.3at)	AC24V, PoE+ (802.3at)	AC24V, PoE+ (802.3at)

	Pro PTZ			Lite PTZ	
Model	DH-SD6CA230TN-HN(I) 	DH-SD50A230TN-HN(I) 	DH-SD32A203SN-HN 	DH-SD22A204TN-GN(I) 	DH-SD29A204SN-GN  
Image Sensor	1/2.8" 2MP Exmor CMOS	1/2.8" 2Mp Exmor CMOS	1/2.8" 2MP Exmor CMOS	1/2.7" 2MP CMOS	1/2.8" 2Mp Exmor CMOS
Lens	4.5~135mm(30x Optical zoom)	4.5~135mm(30x Optical zoom)	3.0 ~ 9.0mm (3x Optical zoom)	2.7~11mm (4x Optical zoom)	2.7~11mm(4x Optical zoom)
Angle of View	H: 67.8° ~ 2.77°	H: 67.8° ~ 2.8°	H: 98.4° ~ 29.7°	H: 112.5° ~ 39°	H: 112.5° ~ 39°
Min. Illumination	0.05Lux/F1.6(Color), 0Lux/1.6 (IR on)	0.05Lux/F1.6(Color), 0.005Lux/F1.6(B/W)	0.05 Lux/F1.6 (Color), 0.005 Lux/F1.6 (B/W)	0.05 Lux/F1.6 (Color), 0.005 Lux/F1.6 (B/W)	0.05Lux/F1.6(Color), 0Lux/F1.6 (IR on)
WDR	DWDR	DWDR	DWDR	120dB	DWDR
Max. IR Distance	110yd	--	-	-	35yd
10	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Max. Resolution	1080P(1920×1080)	1080P(1920×1080)	1080P (1920×1080)	1080P (1920×1080)	1080P(1920×1080)
Frame Rate	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P	30fps@1080P, 60fps@720P
Multi-streaming	3 streams	3 streams	2 streams	3 streams	2 streams
Pan/Tilt/Zoom	300 Presets, Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, Auto flip 180°	300 preset, Pan: 0° ~ 360°; Tilt: 0° ~ 90°	300 preset, Pan: 0° ~ 355°; Tilt: 0° ~ 90°	300 Presets, Pan: 0° ~ 360°, Limited; Tilt: 0° ~ 90°
Preset Speed	Pan: 240° /s; Tilt: 200° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 240°/s; Tilt: 160°/s	Pan: 100° /s; Tilt: 60° /s	Pan: 100° /s; Tilt: 60° /s
Intelligent Video*	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection	Tripwire, Intrusion, Abandoned/Missing, Face Detection	-	Tripwire, Intrusion, Abandoned Object Detection, Missing Object Detection, Face Detection	--
Compatibility	ONVIF(2.4), PSIA, CGI	ONVIF(2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI	ONVIF(2.4), PSIA, CGI
Audio In/Out	1/1	1/1	1/1	-	Built-in Mic
Memory Slot	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB	Micro SD, Max 128GB
Alarm In/Out	2/1	2/1	2/1	-	--
Ingress Protection	IP66	IP67, IK10	IP66, IK10	IP66 , IK10	--
WorkingTemperature	-40°C~+60°C	-40°C~+70°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	AC 24V	AC24V, PoE+ (802.3af)	DC12V, PoE (802.3af)	DC12V, PoE (802.3af)	DC12V, PoE(802.3af)

* Features only available to models ending with the letter "I".

	Ultra NVR	Super NVR			
Model	DHI-NVR7A24DR-256 	DHI-NVR6A16DR-128-4K 	DHI-NVR6A08-128-4K 	DHI-NVR6A08-64-4K 	DHI-NVR6A08-32-4K 
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
IP Video Inputs	256 channel	128 channel	128 channel	64 channel	32 channel
Max Input/Record	512Mbps / 512Mbps	384Mbps / 256Mbps	384Mbps / 256Mbps	384Mbps/256Mbps	384Mbps / 256Mbps
Max Decoding	20ch@1080P	4ch@4K / 16ch@1080P	4ch@4K / 16ch@1080P	4ch@4K/16ch@1080P	16ch@1080P
Display	2 HDMI, VGA, LCD	2 HDMI, VGA, LCD	2 HDMI, VGA	2HDMI, VGA	2 HDMI, VGA
Max HDD	24×6TB	16×6TB	8×6TB	8×6TB	8×6TB
RAID	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60
eSATA/Mini SAS	1/2	1/1	1/0	1/-	1/0
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/4	16/8	16/8	16/8	16/8
Ethernet	4 Gigabit ports	4 Gigabit ports, 2 Gigabit fiber optical interfaces	2 Gigabit ports	2 Gigabit Ports	2 Gigabit ports
PoE	-	-	-	--	-
USB	2 USB 3.0, 2 USB 2.0	1 USB 3.0, 3 USB 2.0	1 USB 3.0, 3 USB 2.0	1 USB3.0, 3 USB2.0	1 USB 3.0, 3 USB 2.0
Power	AC 100V~240V, 47~63Hz, Redundant, 200~400W (without HDD)	AC100V~240V, 50~60Hz, Redundant, <51W (without HDD)	AC100V~240V, 50~60Hz, Redundant, <40W (without HDD)	AC100V~240V, Redundant <40W(Without HDD)	AC100V~240V, 50~60Hz <40W (without HDD)
Key Features	IVS, Fisheye Dewarp, POS (Optional), N+M	IVS, Fisheye Dewarp, POS (Optional), N+M	IVS, Fisheye Dewarp, POS (Optional), N+M	IVS, Fisheye Dewarp, POS (Optional), N+M	IVS, Fisheye Dewarp, POS (Optional), N+M

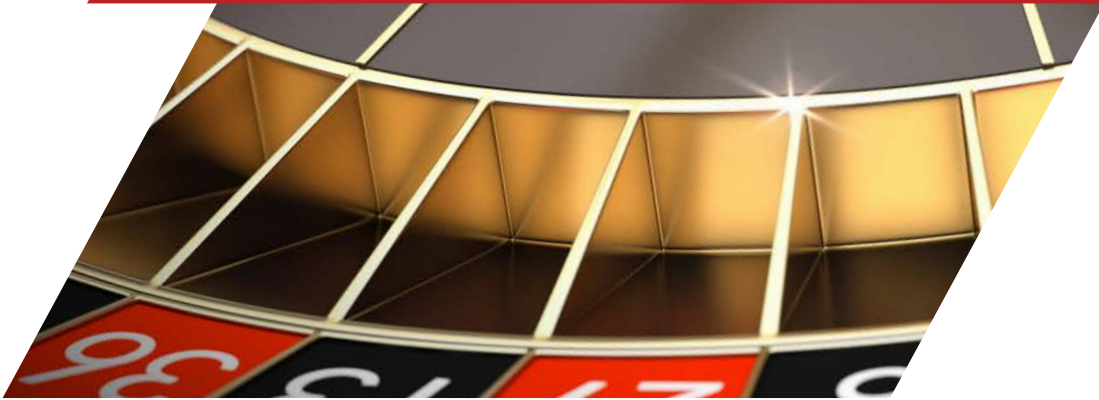
Pro NVR					
Model	DHI-NVR58A32-4KS2	DHI-NVR58A16-16P-4KS2	DHI-NVR54A16-16P-4KS2	DHI-NVR52A16-16P-4KS2	DHI-NVR52A08-8P-4KS2
					
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
IP Video Inputs	32 channel	16 channel	16 channel	16 channel	8 channel
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/8ch@1080P
Display	2HDMI, VGA	2 HDMI, VGA	2 HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	8x6TB	8x6TB	4x6TB	2x6TB	2x6TB
RAID	0/1/5/6/10	-	-	--	--
eSATA/Mini SAS	1/-	1/0	1/0	--	--
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/6	16/6	16/6	4/2	4/2
Ethernet	2 Gigabit Ports	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	--	16 Ports (IEEE802.3at/af)	16 Ports (IEEE802.3at/af)	16 Ports (IEEE802.3at/af), 130W	8 Ports (IEEE802.3at/af), 120W
USB	2 USB3.0, 2 USB2.0	2 USB 3.0, 2 USB 2.0	2 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
Power	AC100V~240V <16.7W(Without HDD)	AC 100~240V, 50/60 Hz <17.5W(Without HDD) 150W for PoE	AC 100~240V, 50/60 Hz <17.5W(Without HDD) 150W for PoE	AC100V~240V <14.5W(Without HDD)	AC100V~240V <15.2W(Without HDD)
Key Features	Fisheye Dewarp, Smart Add POS(Optional), P2P	Plug & play,POS(Optional), P2P, IVS, Fisheye dewarp	Plug & play,POS(Optional), P2P, IVS, Fisheye dewarp	Fisheye Dewarp, Plug & Play POS(Optional), P2P	Fisheye Dewarp, Plug & Play POS(Optional), P2P



	Lite NVR		
	DHI-NVR42A16-16P	DHI-NVR42A08-8P	DHI-NVR42A04-P
Model			
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
IP Video Inputs	16 channel	8 channel	4 channel
Max Input/Record	200Mbps/200Mbps	200Mbps /200Mbps	200Mbps/200Mbps
Max Decoding	4ch@4MP/8ch@1080P	4CH@4MP /8CH@1080P	4ch@4MP/4ch@1080P
Display	HDMI, VGA	HDMI, VGA	HDMI, VGA
Max HDD	2×4TB	2×4TB	2×4TB
RAID	-	-	--
eSATA/Mini SAS	-	-	--
Audio In/out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/2	4/2	4/2
Ethernet	1 Gigabit Port	1 Gigabit port	1 Gigabit Port
PoE	16 Ports (IEEE802.3at/af)	8 ports (IEEE802.3at/af)	4 Ports (IEEE802.3at/af) 50W
USB	1 USB3.0, 1 USB2.0	1 USB 3.0, 1 USB 2.0	1 USB3.0, 1 USB2.0
Power	AC 100V~240V,50/60HZ, 20W (without HDD) 130W for PoE	AC100V~240V, 50~60Hz, 20W (without HDD) 120W for PoE	DC12V/4A for NVR DC48V/1.05A for PoE <20W(Without HDD)
Key Features	Plug & Play, POS(Optional), P2P	Plug & play, POS, P2P	Plug & Play, POS(Optional) P2P



HDCVI Products



HD Analog Cameras
PTZ
HDCVI Recorders

	Super HDCVI Series		Pro HDCVI Series					
Model	DH-HAC-HFW32A1EN-Z	DH-HAC-HDBW32A1EN-Z	DH-HAC-HDBW22A1RN-Z	DH-HAC-HDW22A1RN-Z	DH-HAC-HFW22A1RN-Z	DH-HAC-HDW22A1EN	DH-HAC-HFW22A1EN	DH-HAC-HDBW22A1EN
								
Image Sensor	1/2.8" 2MP Exmor R CMOS	1/2.8" 2MP Exmor R CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.005Lux/F1.4, 0Lux IR on	0.005Lux/F1.4, 0Lux IR on	0.03Lux/F1.4, 0Lux IR on	0.03Lux/F1.4, 0Lux IR on	0.03Lux/F1.4, 0Lux IR on	0.03Lux/F2.0, 0Lux IR on	0.03Lux/F2.0, 0Lux IR on	0.03Lux/F2.0, 0Lux IR on
Lens	2.7~12mm, Motorized, Auto Iris	2.7~12mm, Motorized, Auto Iris	2.7~12mm, Motorized	2.7~12mm, Motorized	2.7~12mm, Motorized	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm, 8mm Optional)	3.6mm (2.8mm, 6mm Optional)
Angle of View	H: 100°~34°	H: 100°~34°	H: 99°~37°	H: 99°~37° (41°~17.5°)	H: 99°~37° (41°~17.5°)	H: 90° (115.6°/59.4°/41.4°)	H: 90°(59.4°/41.4°)	H: 90°(115.6°/59.4°)
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	100m, Smart IR	50m, Smart IR	30m, Smart IR	60m, Smart IR	60m, Smart IR	50m, Smart IR	40m, Smart IR	30m, Smart IR
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Dual-output, Tester-out	HD/SD Dual-output, Tester-out	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output	HD/SD Dual-output
Audio IN	1	1	-	-	-	-	-	-
Alarm In/Out	1/1	1/1	-	-	-	-	-	-
Pan/Tilt/Rotation	0°~360°/0°~90°/0°~360°	0°~355°/0°~85°/0°~355°	0°~355°/0°~75°/0°~355°	0°~360°/0°~67°/0°~360°	0°~360°/0°~87°/0°~360°	0°~360°/0°~70°/0°~360°	0°~360°/0°~90°/0°~360°	0°~355°/0°~65°/0°~355°
Ingress Protection	IP67	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67	IP67, IK10
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	AC24V±25%/DC12V±25% Max 15.2W	AC24V±25%/DC12V±25% Max 12.5W	DC12V±25% Max 5W	DC12V±25% Max 10W	DC12V±25% Max 8.2W	DC12V±25% Max 5.5W	DC12V±25% Max 5.5W	DC12V±25% Max 4.5W

Lite HDCVI Series						
Model	DH-HAC-HDBW12A0EN 	DH-HAC-HFW12A0SN 	DH-HAC-HDW12A0EN 	DH-HAC-HFW12A0RN-VF 	DH-HAC-HDBW12A0RN-VF 	DH-HAC-HDW12A0RN-VF 
Image Sensor	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.02Lux/F2.0, 0Lux IR on	0.02Lux/F2.0, 0Lux IR on	0.02Lux/F2.0, 0Lux IR on	0.02Lux/F1.4, 0Lux IR on	0.02Lux/F1.4, 0Lux IR on	0.02Lux/F1.4, 0Lux IR on
Lens	3.6mm (6mm, 8mm Optional)	3.6mm (6mm, 8mm Optional)	3.6mm (6mm Optional)	2.7~12mm, Manual	2.7~12mm, Manual	2.7~12mm, Manual
Angle of View	H: 89.9°(59.4°/41.4°)	H: 89.9°(59.4°/41.4°)	H: 89.9°(59.4°)	H: 99°~37°	H: 99°~37°	H: 99°~37°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	30m, Smart IR	30m, Smart IR	50m, Smart IR	30m, Smart IR	30m, Smart IR	30m, Smart IR
OSD Menu	-	-	-	-	-	-
WDR	-	-	-	-	-	-
Noise Reduction	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P	30fps@1080P	30fps@1080P	30fps@1080P	30fps@1080P	30fps@1080P
Video Output	HD	HD	HD	HD	HD	HD
Audio IN	-	-	-	-	-	-
Alarm In/Out	-	-	-	-	-	-
Pan/Tilt/Rotation	0°~355°/0°~65°/0°~355°	0°~360°/0°~90°/0°~360°	0°~360°/0°~70°/0°~360°	0°~360°/0°~87°/0°~360°	0°~355°/0°~75°/0°~355°	0°~360°/0°~90°/0°~360°
Ingress Protection	IP67, IK10	IP67	IP67	IP67	IP67, IK10	IP67
Working Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Power	DC12V±20% Max 3.5W	DC12V±20% Max 3.6W	DC12V±20% Max 3.6W	DC12V±20% Max 3.8W	DC12V±20% Max 5.8W	DC12V±20% Max 3.8W

	Pro HDCVI PTZ				Lite HDCVI PTZ	
Model	DH-SD6CA230IN-HC 	DH-SD6CA220IN-HC 	DH-SD50A220IN-HC 	DH-SD59A220IN-HC 	DH-SD40A212IN-HC 	DH-SD22A204IN-GC 
Image Sensor	1/2.8" 2MP Exmor R CMOS	1/2.8" 2MP Exmor CMOS	1/2.8" 2MP Exmor CMOS	1/2.8" 2MP Exmor CMOS	1/2.8" 2MP Exmor CMOS	1/2.7" 2MP CMOS
Min. Illumination	0.005Lux/F1.6(Color), 0Lux/F1.6 (IR on)	0.05Lux/F1.4 (Color), 0Lux/F1.4 (IR on)	0.05Lux/F1.6 (Color), 0Lux/F1.6 (IR on)	0.05Lux/F1.4 (Color), 0Lux/F1.4 (IR on)	0.05Lux/F1.6 (Color), 0.005Lux/F1.6 (B/W)	0.05Lux/F1.6 (Color), 0.005Lux/F1.6 (B/W)
Lens	4.5~135mm (30x Optical zoom)	4.7 ~ 94.0mm (20x Optical zoom)	4.7 ~ 94.0mm (20x Optical zoom)	4.7 ~ 94.0mm (20x Optical zoom)	5.1~61.2mm (12x Optical zoom)	2.7~11mm (4x Optical zoom)
Angle of View	H: 67.8° ~ 2.7°	H: 54.1° ~ 3.2°	H: 54.1° ~ 3.2°	H: 54.1° ~ 3.2°	H: 51.3° ~ 4.6°	H: 112.5° ~ 39°
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
Max. IR Distance	100m	100m	-	100m	-	-
OSD Menu	Support	Support	Support	Support	Support	Support
WDR	120dB True WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D	2D/3D
Frame Rate	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P	30fps@1080P 30/60fps@720P
Video Output	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable	HD/SD Switchable
Pan/Tilt/Zoom	300 Presets, Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, Auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, Auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°, Auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, Auto flip 180°	300 Presets, Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, Auto flip 180°	300 preset, Pan: 0° ~ 355°; Tilt: 0° ~ 90°
Preset Speed	Pan: 240° /s; Tilt: 200° /s	Pan: 240° /s; Tilt: 200° /s	Pan: 500° /s; Tilt: 500° /s	Pan: 400° /s; Tilt: 300° /s	Pan: 300°/s; Tilt:200°/s	Pan: 100° /s; Tilt: 60° /s
Audio In	1	1	1	1	1	-
Alarm In/Out	2/1	2/1	2/1	2/1	2/1	-
Ingress Protection	IP66	IP66	IP67, IK10	IP66	IP66, IK10	IP66 , IK10
Working Temperature	-40°C~+60°C	-40°C~+60°C	-40°C ~ +60°C	-40°C~+70°C	-40°C ~ +60°C	-30°C~+60°C
Power	AC24V	AC24V	AC24V	AC24V	AC24V	DC12V

	Super HDCVR		Pro HDCVR			
Model	DHI-HCVR78A16S 	DHI-HCVR74A16L 	DHI-HCVR72A16A-S3 	DHI-HCVR72A08A-S3 	DHI-HCVR72A04A-S3 	DHI-HCVR58A32S-S2 
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264/MJPEG
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM
Video Standard	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS(Auto-detect)	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS(Auto-detect)
Max. Record Rate	480fps@1080P 480fps@720P	480fps@1080P 480fps@720P	480fps@1080P, 480fps@720P	240fps@1080P, 240fps@720P	120fps@1080P, 120fps@720P	480fps@1080P 960fps@720P
Analog Input	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω	32CH,1.0Vp-p,75Ω
IP Input	16+16 Up to 1080P	16+16 Up to 1080P	16+8 Up to 5Mp	8+4 Up to 5Mp	4+2 Up to 5Mp	32ch 1080P
Audio In/Out	16/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	4/1, 2-way	16/1, 2-way
Max. HDD	8×6TB	4×6TB	2×6TB	2×6TB	2×6TB	8×6TB
Display	2HDMI, VGA, TV, SPOT (optional)	HDMI, VGA, TV, SPOT (optional)	HDMI, VGA, SPOT Optional	HDMI,VGA, SPOT Optional	HDMI,VGA	2HDMI, VGA, TV, SPOT (optional)
eSATA	1	1	-	-	-	1
USB	4 USB 2.0	3 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	2 USB2.0	16/6
DVD Burner	USB/SATA	USB/SATA	USB	USB	USB	USB/SATA
Alarm In/Out	16/6	16/16	16/3	16/3	8/3	16/16
Ethernet	2 Gigabit port	1 Gigabit port	1 Gigabit ports	1 Gigabit port	1×100M port	2 Gigabit ports
Remote Login	128	128	128	128	128	128
Dimension	440mm×460mm×89mm	440mm×416mm×68mm	375mm×285mm×55mm	375mm×285mm×55mm	375mm×285mm×55mm	440mm×460mm×89mm
Power	AC 100-240V, 50/60Hz, ≤53W (Without HDD)	AC 100-240V, 50/60Hz, ≤53W (Without HDD)	DC12V/5A, ≤15W(Without HDD)	DC12V/5A, ≤15W(Without HDD)	DC12V/5A, ≤15W(Without HDD)	AC 100-240V, 50/60Hz, ≤53W (Without HDD)
Highlights	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR, UTP, N+N	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR, UTP, N+N	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR, UTP	Smart play, POS, P2P, Coaxial upgrade, 2D/3DNR, UTP	Smart play, POS, P2P, Coaxial upgrade, 2D/3DNR,UTP	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP

	Pro HDCVR			Lite HDCVR		
Model	DHI-HCVR54A16L-V2 	DHI-HCVR52A16A-S3 	DHI-HCVR52A16AN-S3 	DHI-HCVR51A16HE-S3 	DHI-HCVR51A08HE-S3 	DHI-HCVR51A04HE-S3 
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM	G.711/PCM
Video Standard	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS (Auto-detect)	HDCVI/CVBS(Auto-detect)	HDCVI/CVBS(Auto-detect)	HDCVI/CVBS(Auto-detect)
Max. Record Rate	240fps@1080P 480fps@720P	240fps@1080P 480fps@720P	240fps@1080P 480fps@720P	240fps@1080P 480fps@720P	120fps@1080P 240fps@720P	60fps@1080P 120fps@720P
Analog Input	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	16CH,1.0Vp-p,75Ω	8CH,1.0Vp-p,75Ω	4CH,1.0Vp-p,75Ω
IP Input	2ch 1080P	8ch Up to 5MP	8ch Up to 5MP	16ch 1080P+8ch 1080P PRO	8ch 1080P+4ch 1080P PRO	4ch 1080P+2ch 1080P PRO
Audio In/Out	4/1, 2-way	4/1, 2-way	1/1, 2-way	16/1, 2-way	8/1, 2-way	4/1, 2-way
Max. HDD	4×6TB	2×6TB	2×6TB	1×6TB	1×6TB	1×6TB
Display	HDMI, VGA, TV	HDMI, VGA, SPOT (optional)	HDMI, VGA, SPOT (optional)	HDMI, VGA	HDMI, VGA	HDMI, VGA
eSATA	1	-	-	-	-	-
USB	3 USB2.0	1 USB 3.0, USB 2.0	1 USB 3.0, USB 2.0	1 USB2.0 1 USB3.0	2 USB2.0	2 USB2.0
DVD Burner	USB/SATA	USB	USB	USB	USB	USB
Alarm In/Out	16/16	16/3	--	16/3	8/3	4/3
Ethernet	1 Gigabit port	1 Gigabit port	1 Gigabit port	1 Gigabit ports	1x100M ports	1x100M ports
Remote Login	128	128	128	128	128	128
Dimension	440mm×416mm×68mm	375mm×285mm×55mm	375mm×285mm×55mm	325mm×255mm×55mm	325mm×255mm×55mm	325mm×255mm×55mm
Power	AC 100~240V, 50/60Hz, ≤40W (Without HDD)	DC12V/5A, ≤15W (Without HDD)	DC12V/5A, ≤15W (Without HDD)	DC12V/2A, ≤15W(Without HDD)	DC12V/2A, ≤10W(Without HDD)	DC12V/2A, ≤10W(Without HDD)
Highlights	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP	Smart play,POS,P2P, Coaxial upgrade, 2D/3DNR,UTP

A photograph of a modern building interior, featuring large glass windows and metallic columns. The image is split into two triangular sections by a diagonal line. The top section shows a view looking up at the ceiling and columns, while the bottom section shows a view looking down at the floor and columns. An orange horizontal band is positioned across the middle of the image, containing the main title.

Accessories/VMS

Network Accessories
HDCVI Accessories
Video Software
Camera Mount Guide

Camera Housing

Model	PFH610N/V	PFH610N/V-H	PFH610N/V-POE	PFH610N/V-IR	PFH610N/V-W	PFH610N/V-IR-W
Apperance						
Description	Aluminum & PC N/A (IK10) IP67 DC12V/AC24V in 16" x 6.5" x 5.2"	Aluminum & PC Heater, Cooler (IK10) IP67 DC12V/AC24V in 16" x 6.5" x 5.2"	Aluminum & PC Heater, Cooler (IK10) IP67 PoE+ in 16" x 6.5" x 5.2"	Aluminum & PC Heater, Cooler, IR (IK10) IP67 AC24V, 5A in 16" x 6.5" x 5.2"	Aluminum & PC Heater, Cooler, Wiper IP66 AC24V, 3A in 16" x 6.5" x 6.9"	Aluminum & PC Heater, Cooler, IR, Wiper IP66 AC24V, 5A in 16" x 6.5" x 6.9"

Lens

Model	PLZ1030-D	PLZ1130-D	PLZ20C0-D	PLZ21C0-D
Apperance				
Description	Image size: 1/2.7" Aperture: f/1.6 Focal length: 2.7-12mm Mount: CS Resolution: 3MP	Image size: 1/2.7" Aperture: f/1.6 Focal length: 5-50mm Mount: CS Resolution: 3MP	Image size: 1/1.7" Aperture: f/1.5 Focal length: 3.7-16mm Mount: CS Resolution: 12MP	Image size: 1/1.7" Aperture: f/1.5 Focal length: 10.5-42mm Mount: CS Resolution: 12MP

Balun

Model	PFM800	PFM801	PFM809
Apperance			
Description	Passive HDCVI Balun Transmission distance: 500yd@720p, 330yd@1080p Cable type: CAT 5E/6 (R<10Ω/100m)	Passive HDCVI Balun with Power Input: DC24-36V Output: DC12V 8W(max) Transmission distance: 440yd(max) Cable type: CAT 5E/6 (R<10Ω/100m)	16 Ch. Passive HDCVI Balun Receiver Transmission distance: 0-500yd (with passive transmitter) Cable type: CAT 5E/6 (R<10Ω/100m)

PoE Switch

Model	PFS3106-4P-60	PFS3110-8P-96	PFS4018-16P-250	PFS4026-24P-370
Apperance				
Description	4-port PoE Switch IEEE 802.3af/802.3at Each power ≤30W, Total≤60W	8-port PoE Switch IEEE 802.3af/802.3at Each power ≤30W, Total≤93W	16-port PoE Switch IEEE 802.3af/802.3at Each power ≤30W, Total≤250W	24-port PoE Switch IEEE 802.3af/802.3at Each power ≤30W, Total≤370W

PoE Midspan

Model	PFT1200
Apperance	
Description	Max.60W power out IEEE 802.3af/802.3at, Hi-PoE Cascade two PoE extenders to cover the range of 300m

PoE Extender

Model	PFT1300
Apperance	
Description	PoE-in port, PoE-out port, PoE for IPC port DIN rail mounting

Wireless

Model	PFM880/881
Apperance	
Description	5.8G Wireless Video Transmission Device Transmission distance: 3 miles Horizontal 90/40°, Vertical 12/15°

Power Supply

Model	DC Power		AC Power		
Apperance					
Description	DC12V, 1A 84x41x26mm	DC12V 2.8A 148x70x31mm	AC24V, 1.5A 106x70x56mm	AC24V, 3A 120x80x63.5mm	AC24V, 5A 120x102x80mm

Tester

Model	PFM900
Apperance	
Description	Integrated Mount Tester For IPC, HDCVI, Analog camera TDR, record, playback, etc.

Optical Transceiver

Model	OTC102T/R	PFO2410T/R	PFO2810T/R	PFO2910T/R
Appearance				
Description	1ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P	4ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P	8ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P	16ch HDCVI Optical Transceiver Lossless non-compression real-time transmission FC, Single-mode, 20km Support 720P/1080P

Converter

Distributor

Model	PFT2100	TP2105	TP2600	PFT2690
Appearance				
Description	Input HDMI video signal, self-adaptive output HDCVI signal HDCVI output format: 720P, 1080P CVBS, AHD, HDTVI distribution Fully enclosed dustproof design	Input :720P/1080P HDCVI signal Output: HDCVI, HDMI, VGA, CVBS Support RS485 to control PTZ	1 in /3 out 720P/1080P self-adaptive Work as a repeater to increase the transmission distance	16-ch HDCVI input, 32-ch output, each input is corresponding to 2 outputs 720P/1080P self-adaptive Compatible CVBS, AHD, HDTVI signal distribution

Monitor

Model	DHL22-F600	DHL32	DHL46
Appearance			
Description	22 inch Monitor Supports 1ch audio input 1920×1080 resolution Angle of view: 130°/178° Interfaces: VGA(D-Sub)×1, HDMI×1, built-in speaker	32 inch Monitor 1920×1080 resolution Angle of view: 178°/178° Interfaces: VGA(D-Sub)×1, HDMI×1, CVSB(BNC)×2, DVI-Dx1	46 in Monitor 1920×1080 resolution Angle of view: 178°/178° Interfaces: VGA(D-Sub)×1, HDMI×1, CVSB(BNC)×2, DVI-Dx1

Smart PSS

Smart Professional Surveillance System

Open, Free, Intelligent

Make your security surveillance system easy to use.



Devices & Users	Supported Devices	DVR, NVR, IPC, NVS, NKB, VDP, Video Wall Controller
	Max. Management Devices	256
	Max. Management Channels	2000
	Max. Number of Users	50
Video	Compression Format	H.265/H.264/MPEG-4/JPEG
	Display Resolution	Up to 4000 x 3000
Live Preview	Video Display Split	1/4/6/8/9/16/25/36 or customized split for Mac, up to 64 for windows
	Max. Preview Screens	4
	Max. Viewing Channels	256
	Features	Snapshot, PTZ, Audio, Record, Talk, Instant playback, Tour task, View, Stream control, Optional video scale
Playback	Max. Channels	36
	Max. Task of Export	10 once
	Features	Snapshot, PTZ, Audio, Speed 1/8x~8x, Synchronization playback, Faster/Slower play, Optional video scale
Recording	PC-NVR	32 Channels
System	Language	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai, Traditional Chinese, Vietnamese
Minimum System Requirements	OS	Windows XP or above, Mac OSX 10.7 or above
	GPU	Intel(R) HD Graphics or above
	CPU	Intel(R) Core(TM) i3 or above
	Main Memory	2GB or above
	Display Resolution	1024×768 or above

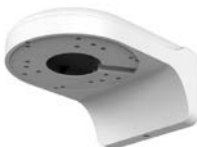
DMSS

Digital Mobile Surveillance System

Monitor anything with your smartphone or tablet.
Anytime, Anywhere



Devices & Users	Supported Devices	DVR, NVR, IPC, VDP
	Add Device Method	IP/Domain, SN, Import from cloud
	Features	Remote config, Alarm config, HDD info, Share device list
Video	Compression Format	H.265/H.264/MPEG-4/JPEG
	Display Resolution	Up to 1920 x 1080
Live Preview	Video Display Split	1/4/9/16 split
	Max. Channels Can be Opened at the Same Time	256
	Features	Snapshot, Record, Instant playback, PTZ, Unlock, Stream control, Talk, Audio, Alarm, Color, Favorites, Remember channels
Playback	Max. Channels Can be Opened When Video Playback	4
	Time Period of Video	24 hours
	Features	Snapshot, Record, Faster/Slower play, Play next frame
	Max. Channels Can be Opened When Image Playback	1
Alarm Push	Alarm Type	Motion detect, Camera masking, Local alarm, Disk alarm, Face detection, Ivs alarm
	Push Type	Record, Preview, Image
Minimum System Requirements	OS	gDMSS: Android 3.0 or above; iDMSS: IOS 7.0 or above
	CPU	1GHZ or above
	RAM	1GHZ or above
	Display Resolution	480×800 or above

Mounting Accessories						
Mount	Adapter			Ceiling Mount	Ceiling/Wall/Plane Mount	Corner Mount
Model						
	PFA100/PFA103	PFA110	PFA114	PFB300C	PFB110W	PFA151
Mount	Junction Box					
Model						
	PFA120	PFA121	PFA122	PFA13A	PFA131	PFA132
Mount	Junction Box					
Model						
	PFA134	PFA135	PFA136	PFA137	PFA138	
Mount	Junction Box	Wall Mount				
Model						
	PFA139	PFB121	PFB200W	PFB203W	PFB204W	
Mount	Wall Mount			Pole Mount	Power Box	
Model						
	PFB302S	PFB303W	PFB300S	PFA150	PFA152	PFA140

[illegible]

	Wall Mount						Ceiling Mount		Junction Box	Power Box	Pole Mount										Corner Mount									
 SD22	PFB203W						PFB200C		PFA137		PFB203W + PFA152										PFA101 + PFB300S + PFA151									
 SD29	PFA101 + PFB302S						PFA103 + PFB300C		PFA110 + PFB300S + PFA120	PFA111 + PFB303W + PFA120	PFA101 + PFB302S + PFA152										PFA103 + PFB300S + PFA120 + PFA150									
 SD32	PFA103 + PFB302S						PFA103 + PFB300C		PFA111 + PFB303W + PFA120	PFA114 + PFB303W + PFA120	PFA103 + PFB302S + PFA152										PFA103 + PFB300S + PFA120 + PFA150									
 SD40	PFA110 + PFB300S						PFA110 + PFB300C		PFA111 + PFB303W + PFA120	PFA111 + PFB300C + PFA140	PFA103 + PFB300C + PFA150										PFA110 + PFB300S + PFA120 + PFA150									
 SD50	PFA111 + PFB303W						PFA111 + PFB300C		PFA114 + PFB303W + PFA120	PFA114 + PFB300C + PFA140	PFA103 + PFB300C + PFA150										PFA111 + PFB300S + PFA120 + PFA150									
 SD59	PFA114 + PFB303W						PFA114 + PFB300C		PFA114 + PFB303W + PFA120	PFA114 + PFB300C + PFA140	PFA103 + PFB300C + PFA150										PFA111 + PFB300S + PFA120 + PFA150									
 SD60	PFA101 + PFB300C						PFA103 + PFB300C		PFA110 + PFB300S + PFA120	PFA111 + PFB303W + PFA120	PFA101 + PFB300C + PFA150										PFA103 + PFB300C + PFA150									
 SD6AE	PFA103 + PFB302S						PFA103 + PFB300C		PFA110 + PFB300S + PFA120	PFA111 + PFB303W + PFA120	PFA103 + PFB300C + PFA150										PFA103 + PFB300C + PFA150									
 SD6AL	PFA110 + PFB300S						PFA110 + PFB300C		PFA111 + PFB303W + PFA120	PFA114 + PFB303W + PFA120	PFA103 + PFB300C + PFA150										PFA103 + PFB300C + PFA150									
 SD6C	PFA111 + PFB303W						PFA111 + PFB300C		PFA114 + PFB303W + PFA120	PFA114 + PFB300C + PFA140	PFA103 + PFB300C + PFA150										PFA103 + PFB300C + PFA150									

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