

NETWORK
CAMERAS



Panoramic Series Network Camera

When designing surveillance applications, wider monitoring coverage and larger zoom requirements have become necessary. Through multi-sensor automatic stitching technology, Dahua Panoramic surveillance realizes 360° no blind spot monitoring with high-speed PTZ that utilizes both panoramic and detailed images to ensure that customers will not miss other targets on the panoramic view while looking at the details of the target's behavior on the PTZ Camera.



Wider Coverage

360° panoramic coverage replaces multiple cameras to save wiring and labor costs for customers.



Crowd Density

Quick alarm linkage alerts monitoring personnel to disperse the crowd to prevent accidents caused by congestion.



Smart Tracking

With 40x optical zoom, it can quickly auto-track moving targets, without missing target behavior details.












AR Map

AR Label displays the video of corresponding camera, making monitoring more visual and convenient, and significantly improving command efficiency.

WizMind Panoramic Series







Panoramic

Model	IPC-PSDW83242M-A360-D845L		IPC-PSDW81642M-A360-D440		IPC-PSDW8842M-A180-D440	
Appearance	  		  		  	
	Panoramic	PTZ	Panoramic	PTZ	Panoramic	PTZ
Image Sensor	Eight 1/1.8" 4MP CMOS		Eight 1/1.8" 2MP CMOS		Four 1/1.8" 2MP CMOS	
Lens	2.8mm/F1.6		5.0mm/F2.0		5.0mm/F2.0	
FOV-H	360°		360°		180°	
Min. Illumination	0.001 Lux@F1.6 (Color,30IRE); 0.0001 Lux@F1.6 (B/W,30IRE)		Color: 0.005Lux@F2.0; B/W: 0.0005Lux@F2.0		Color: 0.005Lux@F2.0; B/W: 0.0005Lux@F2.0	
Max. IR Distance	--		--		--	
Day/Night	ICR		ICR		ICR	
WDR	120dB		120dB		120dB	
Video Compression	H.265/H.264/H.264B/H.264H/MJPEG		H.265/H.264/H.264B/H.264H/MJPEG		H.265/H.264/H.264B/H.264H/MJPEG	
Smart Codec	Smart H.265+/H.264+		Smart H.265+/H.264+		Smart H.265+/H.264+	
Resolution	2*(5520x2700)		(8192x1800)		(4096x1800)	
Frame Rate	30fps@2*(5520x2700)		30fps@ (8192x1800)		30fps@ (4096x1800)	
Multi-streaming	3 streams		3 streams		3 streams	
Pan/Tilt/Rotation	--		--		--	
Intelligent Video	Tripwire, Intrusion, Scene Change, Crowd Map, Vehicle Density		Tripwire, Intrusion, Scene Change, Crowd Map		Tripwire, Intrusion, Scene Change, Crowd Map	
Dewarping Mode	--		--		--	
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI;		ONVIF (Profile G/T/S); GB/T28181; CGI		ONVIF (Profile G/T/S); GB/T28181; CGI	
Audio In/Out	2/2		2/2		2/2	
Memory Slot	Micro SD, Max. 512GB		Micro SD, Max. 512GB		Micro SD, Max. 512GB	
Alarm In/Out	7/3		7/3		7/3	
Ingress Protection	IP66		IP66		IP66	
Working Temperature	-40°C~+70°C (-40°F~+158°F)		-40°C ~ +70°C (-40°F~+158°F)		-40°C ~ +70°C (-40°F~+158°F)	
Power	DC36V, Max. 71.9W		DC36V, Max. 84.4W		DC36V, Max. 77.7W	

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WizMind Panoramic Series



Panoramic

Model	IPC-PSDW81642ML-A360-D237		IPC-PSDW8842ML-A180-D237		IPC-PSDW5631S-B360	
Appearance	  		  			
	Panoramic	PTZ	Panoramic	PTZ	Panoramic	PTZ
Image Sensor	Eight 1/1.8" 2MP CMOS	1/1.8" 2MP CMOS	Four 1/1.8" 2MP CMOS	1/1.8" 2MP CMOS	Three 1/2.7" 2MP CMOS	1/2.7" 2MP CMOS
Lens	2.8mm/F1.6	5.6~208mm/F1.4	2.8mm/F1.6	5.6~208mm/F1.4	2.0mm/F2.2	2.7mm~13.5mm/F1.8
FOV-H	360°	2°~60°	180°	2°~60°	136°	105.9°~33.3°
Min. Illumination	Color: 0.001Lux@F2.0; B/W: 0.0001Lux@F2.0	Color: 0.001Lux@F1.3; B/W: 0.0001Lux@F1.3; 0Lux@F1.3(IR on)	Color: 0.001Lux@F2.0;B/W: 0.0001Lux@F2.0	Color: 0.001Lux@F1.3; B/W: 0.0001Lux@F1.3; 0Lux@F1.3(IR on)	0.03Lux/F2.2(Color,1/3s,30IRE) 0.2Lux/F2.2(Color,1/30s,30IRE) 0.03Lux/F2.2(B/W,1/3s,30IRE) 0.2Lux/F2.2(B/W,1/30s,30IRE)	0.02Lux/F1.8(Color,1/3s,30IRE) 0.1Lux/F1.8(Color,1/30s,30IRE) 0.02Lux/F1.8(B/W,1/3s,30IRE) 0.2Lux/F1.8(B/W,1/30s,30IRE)
Max. IR Distance	--	220m (722ft)	--	220m (722ft)	15m (49ft)	
Day/Night	ICR		ICR		ICR	
WDR	120dB		120dB		120dB	
Video Compression	H.265/H.264/H.264B/H.264H/MJPEG		H.265/H.264/H.264B/H.264H/MJPEG		H.265/H.264/H.264B/H.264H/MJPEG	
Smart Codec	Smart H.265+/H.264+		Smart H.265+/H.264+		Smart H.265+/H.264+	
Resolution	(8192×1800)	4MP (2560×1440)	(4096×1800)	4MP (2560×1440)	3× (1920×1080)	1080P (1920×1080)
Frame Rate	30fps@ (8192×1800)	30fps@ (1920×1080)	30fps@ (4096×1800)	30fps@ (1920×1080)	25fps@ (4096×1800)	25fps@ (4096×1800)
Multi-streaming	3 streams		3 streams		3 streams	
Pan/Tilt/Rotation	--	Pan: 0°~360°; Tilt:-12°~90° Auto flip 180°	--	Pan: 0°~360°; Tilt:-12°~90° Auto flip 180°	--	Pan: 0° ~ 355°; endless Tilt: 0° ~ 80°
Intelligent Video	Tripwire, Intrusion, Scene Change		Tripwire, Intrusion, Scene Change		Tripwire, Intrusion	Tripwire, Intrusion
Dewarping Mode	--		--		--	
Compatibility	ONVIF (Profile S/Profile G); CGI; Milestone; Genetec		ONVIF (Profile S/Profile G); CGI; Milestone; Genetec		ONVIF Profile T, CGI	
Audio In/Out	2/2		2/2		1/1	
Memory Slot	Micro SD, Max. 512GB		Micro SD, Max. 512GB		Micro SD, Max. 256GB	
Alarm In/Out	7/3		7/3		3/2	
Ingress Protection	IP66		IP66		--	
Working Temperature	-40°C~+70°C (-40°F~+158°F)		-40°C~+70°C (-40°F~+158°F)		-10°C ~ +50°C (14°F ~ +122°F)	
Power	DC36V, Max. 74.6W		DC36V, Max. 67.9W		DC12V, Max. 16.1W	

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WizMind Panoramic Series













Panoramic

Model	IPC-PFW83242-A180	IPC-PFW8840-A180	IPC-PDBW8840-A180	IPC-PDBW82041-B360	IPC-PDBW5831-B360
Appearance	 8K Starlight	 4K Starlight+	 4K Starlight+	 Starlight	 Starlight
Image Sensor	Four 1/1.8" 8MP CMOS	Four 1/2.8" 2MP CMOS	Four 1/2.8" 2MP CMOS	Four 1/2.7" 5MP CMOS	Four 1/2.8" 2MP STARVIS™ CMOS
Lens	2.8mm/F1.6	2.8mm/F1.6	2.8mm/F1.6	2.8~12mm/F1.7	2.7~12mm/F1.8
FOV-H	180°	180°	180°	4x(100°~36°)	4x(105°~44°)
Min. Illumination	0.005Lux	0.002 Lux	0.002 Lux	0.005 Lux @F1.7	0.005Lux/F1.8 (Color,1/3s,30IRE) 0.06Lux/1.8 (Color,1/30s,30IRE) 0Lux/F1.8 (IR on)
Max. IR Distance	30m (98ft)	30m (98ft)	30m (98ft)	30m (98ft)	30m (98ft)
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	120dB (4 channel)	120dB (1 channel)
Video Compression	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Resolution	(8192×3840)	(4096×1800)	(4096×1800)	4×5MP (2592×1944)	4×1080P (1920×1080)
Frame Rate	30fps@ (8192×3840)	30fps@ (4096×1800)	30fps@ (4096×1800)	30fps@ (2592×1944)	30fps@1080P (1920×1080)
Multi-streaming	3 streams	3 streams	3 streams	4×3 streams	4×2 streams
Pan/Tilt/Rotation	Tilt:0°~90°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0° ~75° Rotation: -20° ~20°	Pan: 0°~355°; Tilt: 0° ~ 90° Rotation: 0° ~ 360°	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~355°
Intelligent Video	Crowd Distribution Map, Vehicle Situation, Tripwire, Intrusion	Crowd Distribution Map, Vehicle Situation, Tripwire, Intrusion	Crowd Distribution Map, Vehicle Situation, Tripwire, Intrusion	Tripwire, intrusion, fast moving, loitering detection, people gathering, parking detection, face detection	Tripwire, Intrusion, Scene Change, Abandoned/Missing Objects
Dewarping Mode	--	--	--	--	--
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec	ONVIF(Profile S/Profile G/Profile T); CGI; Milestone; Genetec; RTMP; P2P	ONVIF Profile S & G, API
Audio In/Out	2/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 128GB
Alarm In/Out	2/2	2/2	2/2	3/2	1/1
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	30°C~+60°C (-40°F ~ +140°F)
Power	DC12V, Max. 24.3W	12V DC/24V AC/PoE (802.3at), Max. 16.2W	12V DC/24V AC/PoE (802.3at), Max. 14.9W	12V DC/POE (802.3at), Max. 22.2W	AC24V, PoE+ (802.3at) (Class 4), Max. 25.5W

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WizMind Panoramic Series








Panoramic

Model	IPC-EBW81242-AS-S2	IPC-EBW81242-AS-IVC-S2	IPC-EBW8842-AS	IPC-EBW8842-AS-IVC
Appearance	  	  	  	  
Image Sensor	1/1.7" 12MP CMOS	1/1.7" 12MP CMOS	1/1.7" 8MP CMOS	1/1.7" 8MP CMOS
Lens	1.85mm/F2.0	1.29mm/F2.0	1.85mm/F2.0	1.29mm/F2.0
FOV-H	Horizontal: 185°; Vertical: 180°	Horizontal: 185°; Vertical: 180°	Horizontal: 185°; Vertical: 180°	Horizontal: 185°; Vertical: 180°
Min. Illumination	0.01 Lux@F2.0 (Color, 30 IRE) 0.001 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)	0.01 Lux@F2.0 (Color, 30 IRE) 0.001 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)	0.01 Lux@F2.0 (Color, 30 IRE) 0.001 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)	0.01 Lux@F2.0 (Color, 30 IRE) 0.001 Lux@F2.0 (B/W, 30 IRE) 0 Lux (Illuminator on)
Max. IR Distance	10m (32.8ft)	10m (32.8ft)	10m (32.8ft)	10m (32.8ft)
Day/Night	ICR	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR
Video Compression	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG	H.265/H.264/H.264B/H.264H/MJPEG
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Resolution	12MP (4000×3000)	12MP (4000×3000)	8MP (3280×2480)	12MP (4000×3000)
Frame Rate	25fps@12MP (4000×3000)	25fps@12MP (4000×3000)	30fps@8MP (3280×2480)	30fps@8MP (3280×2480)
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	--	--	--
Intelligent Video	Tripwire, Intrusion, Heat Map, People Counting, Queue Management	Tripwire, Intrusion, Heat Map, People Counting, Queue Management	Tripwire, Intrusion, Heat Map, People Counting	Tripwire, Intrusion, Heat Map, People Counting
Dewarping Mode	1O;2P;1R;1P+3R;2R;1O+2R;1O+3R;4R; 1O+4R;1P+6R;1O+8R	1O;2P;1R;1P+3R;2R;1O+2R;1O+3R;4R; 1O+4R;1P+6R;1O+8R	1O;2P;1R;1P+3R;2R;1O+2R;1O+3R;4R; 1O+4R;1P+6R;1O+8R	1O;2P;1R;1P+3R;2R;1O+2R;1O+3R;4R; 1O+4R;1P+6R;1O+8R
Compatibility	ONVIF (Profile S/Profile G/Profile T); API	ONVIF (Profile S/Profile G/Profile T); API	ONVIF (Profile S/Profile G/Profile T); API	ONVIF (Profile S/Profile G/Profile T); API
Audio In/Out	1/1 Built-in Mic & Speaker	1/1 Built-in Mic & Speaker	1/1 Built-in Mic & Speaker	1/1 Built-in Mic & Speaker
Memory Slot	Micro SD, Max. 128GB Micro SD	Micro SD, Max. 128GB Micro SD	Micro SD, Max. 128GB Micro SD	Micro SD, Max. 128GB Micro SD
Alarm In/Out	2/2	2/2	2/2	2/2
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-40 °C ~+60 °C (-40 °F ~+140 °F)	-40 °C ~+55 °C (-40 °F ~+140 °F)	-40 °C ~+60 °C (-40 °F ~+140 °F)	-40 °C ~+55 °C (-40 °F ~+140 °F)
Power	DC12V, PoE, Max. 13W	DC12V, PoE, Max. 13W	DC12V, PoE, Max. 13W	DC12V, PoE, Max. 13W

NETWORK CAMERAS

WizMind Panoramic Series

Panoramic

Model	IPC-EBW81230	IPC-EBW8630	IPC-EB5541-AS	IPC-EW5541-AS
Appearance	 	 	 	 
Image Sensor	1/1.7" 12MP STARVIS™ CMOS	1/1.8" 6MP STARVIS™ CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS
Lens	1.98mm/F2.8	1.7mm/F2.0	1.4 mm/F2.0	1.4 mm/F2.0
FOV-H	180°	180°	180°	180°
Min. Illumination	0.001Lux/F2.8 (Color,1/3s,30IRE) 0.01Lux/F2.8 (Color,1/30s,30IRE) 0Lux/F2.8(IR on)	0.002Lux/F2.0 (Color,1/3s,30IRE) 0.02Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)	0.006 Lux @F2.0	0.006 Lux @F2.0
Max. IR Distance	10m (32.8ft)	10m (33ft)	--	10m (32.8ft)
Day/Night	ICR	ICR	Electronic	ICR
WDR	DWDR	DWDR	120 dB	120 dB
Video Compression	H.265/H.264/H.264B/H.264H/MJPEG	H.265+/H.265 H.264+/H.264	H.265/H.264/H.264B/ H.264H/MJPEG	H.265/H.264/H.264B/ H.264H/MJPEG
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Resolution	12MP (4000×3000)	6MP (3072×2048)	5M (2592×1944)	5M (2592×1944)
Frame Rate	30fps@12MP (4000×3000)	30fps@6MP	30fps@5M (2592×1944)	30fps@5M (2592×1944)
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	--	--	--
Intelligent Video	Tripwire, Intrusion, Heat Map	Tripwire, Intrusion, Heat Map	Tripwire, Intrusion, Heat Map, People Counting	Tripwire, Intrusion, Heat Map, People Counting
Dewarping Mode	1O;1P+3R;2R; 1O+2R;1O+3R; 4R; 1O+4R;1P+6R;1O+8R	1O; 1P+3R; 2R 1O+2R; 1O+3R; 4R 1O+4R; 1P+6R; 1O+8R	1O;1P+3R;2R 1O+2R;1O+3R;4R 1O+4R;1P+6R;1O+8R	1O;1P+3R;2R 1O+2R;1O+3R;4R 1O+4R;1P+6R;1O+8R
Compatibility	ONVIF Profile S & G; API	ONVIF Profile S & G; API	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic	1/1	1/1, Built-in Mic
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 128GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	2/2	2/2	1/1	1/1
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	--
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+55°C (-22°F ~ +131°F)	-10°C ~ +50°C (14°F ~ +122°F)
Power	DC12V PoE (802.3af)(Class 4) Max. 12W	DC12V PoE (802.3af) (Class 0) Max. 12W	12V DC PoE Max.6W	12V DC PoE Max.8.8W

Special Series Network Camera

This special product series offers a wide-range of cameras, such as pinhole camera, corner camera, anti-oil camera and mobile camera. It provides suitable products for special industries. Pinhole Series camera is applicable in hidden or small scenes such as ATM and advertising screens. Corner Series camera supports perimeter protection, people counting and IK10+50J protection, which is ideal for sensitive scenarios like banks. Anti-oil camera is widely applied in kitchens, oil plants and other heavy oil-related scenes. Mobile camera is suitable for transportation including buses and railways.



Pinhole Camera

- Easy Installation
- Optimized Image
- Highly Flexible and Covert
- Face Detection
- 120dB WDR



Corner Camera

- IK10+50J Protection
- No IR Exposure
- Super Wide Angle
- People Counting
- Queue Management
- Perimeter Protection



Anti-oil Camera

- Starlight
- 120dB WDR
- Perimeter Protection
- SMD
- Smart H265+/H264+



Mobile Camera

- People Counting
- Face Detection
- ANPN
- 120dB WDR
- IP67 & IK10

Special Series

Pinhole Camera						
Model	IPC-HUM8441-E1	IPC-HUM8441-L1	IPC-HUM8441-L3	IPC-HUM8441-L4	IPC-HUM8441-L5	IPC-HUM8241-E2
Appearance		 Starlight	 Starlight	 Starlight	 Starlight	
Image Sensor	--	1/2.7" 4MP CMOS	1/2.7" 4MP CMOS	1/2.7" 4MP CMOS	1/2.7" 4MP CMOS	--
Lens	--	2.8mm/F2.4	2.8mm/F1.8	2.8mm/F2.4	2.8mm/F2.2	--
FOV-H	--	Horizontal: 101°; Vertical: 57°; Diagonal: 115°	Horizontal: 109°; Vertical: 57°; Diagonal: 129°	Horizontal: 101°; Vertical: 57°; Diagonal: 115°	Horizontal: 105°; Vertical: 56°; Diagonal: 122°	--
Min. Illumination	--	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	--
Day/Night	Electronic	--	--	--	--	Electronic
WDR	120dB	--	--	--	--	120dB
Max. IR Distance	--	--	--	--	--	--
Video Compression	H.265/H.264/H.264B/ H.264H/MJPEG	--	--	--	--	H.265/H.264/H.264B/ H.264H/MJPEG
Smart Codec	Smart H.265+/H.264+	--	--	--	--	Smart H.265+/H.264+
Max. Resolution	4M (2688x1520)	--	--	--	--	1080P (1920x1080)
Frame Rate	30fps@4M	--	--	--	--	30fps@1080P
Multi-streaming	3 streams	--	--	--	--	2x2 streams
Pan/Tilt/Rotation	--	--	--	--	--	--
Intelligent Video	Tripwire,Intrusion, Scene Change, Abandoned/Missing Objects, Face Detection	--	--	--	--	Tripwire,Intrusion, Scene Change, Abandoned/Missing Objects, Face Detection
Compatibility	ONVIF Profile S, G & T; API	--	--	--	--	ONVIF Profile S, G & T; API
Audio In/Out	1/1	--	--	--	--	1/1
Memory Slot	Micro SD, Max. 256GB	--	--	--	--	Micro SD, Max. 256GB
Alarm In/Out	2/2	--	--	--	--	2/2
Ingress Protection	--	--	--	--	--	--
Working Temperature	-40°C ~+60°C (-40°F~140°F)	--	--	--	--	-40°C ~+60°C (-40°F~140°F)
Power	Max. (12V DC): 3.9W (12V DC); 4.8W (PoE)	--	--	--	--	Max. (12V DC): 4.5W (12V DC); 5.5W (PoE)

NETWORK CAMERAS

Special Series

	Pinhole Camera				
Model	IPC-HUM8241-E1	IPC-HUM8241-L1	IPC-HUM8241-L3	IPC-HUM8241-L4	IPC-HUM8241-L5
Appearance					
Image Sensor	--	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
Lens	--	2.8mm/F2.4	2.8mm/F1.8	2.8mm/F2.4	2.8mm/F2.1
FOV-H	--	Horizontal: 105°; Vertical: 58°; Diagonal: 118°	Horizontal: 114°; Vertical: 60°; Diagonal: 136°	Horizontal: 105°; Vertical: 58°; Diagonal: 118°	Horizontal: 109°; Vertical: 58°; Diagonal: 127°H:111°
Min. Illumination	--	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)
Day/Night	Electronic	--	--	--	--
WDR	120dB	--	--	--	--
Max. IR Distance	--	--	--	--	--
Video Compression	H.265/H.264/H.264B/ H.264H/MJPEG	--	--	--	--
Smart Codec	Smart H.265+/H.264+	--	--	--	--
Max. Resolution	1080P (1920×1080))	--	--	--	--
Frame Rate	30fps@1080P	--	--	--	--
Multi-streaming	3 streams	--	--	--	--
Pan/Tilt/Rotation	--	--	--	--	--
Intelligent Video	Tripwire,Intrusion, Scene Change, Abandoned/Missing Objects, Face Detection	--	--	--	--
Compatibility	ONVIF Profile S, G & T; API	--	--	--	--
Audio In/Out	1/1	--	--	--	--
Memory Slot	Micro SD, Max. 256GB	--	--	--	--
Alarm In/Out	2/2	--	--	--	--
Ingress Protection	--	--	--	--	--
Working Temperature	-40°C ~+60°C (-40°F~140°F)	--	--	--	--
Power	Max. (12V DC): 3.7W (12V DC); 4.5W (PoE)	--	--	--	--



Special Series

	Mobile Camera	Anti-oil Camera	Mobile Camera	Mobile Camera	Mobile Camera
Model	IPC-HUM4231-S2	IPC-HFW3441M-AS-SFC-I2	IPC-HDBW5241F-M/M12-SA	IPC-HDBW4431F-M/M12	IPC-HDBW4231F-M/M12
Appearance	 Wiz Mind Starlight+	 Wiz Sense Starlight	 Wiz Mind DHOP Starlight+	 Starlight	 Starlight
Image Sensor	1/2.8" 2MP STARVISTM CMOS	1/3" 4MP CMOS	1/2.8 2MP progressive scan CMOS	1/3" 4MP CMOS	1/2.8" 2MP CMOS
Lens	2.8mm/F2.0	3.6mm fixed lens (optional 6mm/8mm)	2.8mm (optional 3.6mm/6mm/8mm)	2.8mm/F2.0; 3.6mm/F2.0; 6mm/F2.0	2.8mm/F2.0; 3.6mm/F2.0; 6mm/F2.0
FOV-H	H:108°	84°(3.6mm); 52°(6mm) 40°(8mm)	2.8 mm: Horizontal 106° × Vertical 56° × Diagonal 126° 3.6 mm: Horizontal 87° × Vertical 46° × Diagonal 104° 6 mm: Horizontal 54° × Vertical 29° × Diagonal 63° 8 mm: Horizontal 40° × Vertical 22° × Diagonal 47°	104°/87°/55°	110°/87°/51°H:111°
Min. Illumination	0.005 Lux@F2.0	0.005 Lux@F1.6	0.002 Lux @ F1.6	0.08Lux/F2.0 (Color,1/3s,30IRE) 0.3Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)	0.009Lux/F2.0 (Color,1/3s,30IRE) 0.07Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)
Day/Night	Electronic	ICR	Auto (ICR)/Color/B/W	ICR	ICR
WDR	120dB	120dB	120 dB	120dB	120dB
Max. IR Distance	--	50m (164.0ft)	30 m	20m	20m
Video Compression	H.265/H.264/H.264B/H.264H/MJPEG	H.265; H.264; H.264H; H.264B; MJPEG supports smart codec	H.265/H.264H/H.264/H.264B/MJPEG (Sub Stream)	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Smart Codec	Smart H265+/H264+	Smart H265+/H264+	1080P (1920×1080)	4M (2688×1520)	1080P (1920×1080)
Max. Resolution	1080P (1920×1080)	4M (2688×1520)	Smart H265+/H264+	Smart H265+/H264+	Smart H265+/H264+
Frame Rate	30fps@1080P	25/30 fps@4MP	Main Stream: 1080P (1~25/30fps) Sub Stream: D1 (1 ~ 25/30fps) Sub Stream 2: 1080P (1~25/30fps)	30fps@4M	60fps@1080P
Multi-streaming	2 streams	3 streams	3 Streams	3 Streams	3 Streams
Pan/Tilt/Rotation	--	--	Pan:-30°~30°; Tilt:0°~80°; Rotation:0°~360°	Pan: 0°~60°; Tilt:0°~80°; Rotation: 0°~360°	Pan: 0°~60°; Tilt: 0°~80°; Rotation: 0°~360°
Intelligent Video	Tripwire, Intrusion, Scene Change, Abandoned/Missing Objects	Perimeter Protection, SMD	Tripwire, Intrusion, Face Detection, People Counting	Tripwire, Intrusion, Scene Change, Abandoned/Missing Objects, Face Detection	Tripwire, Intrusion, Scene Change, Abandoned/Missing Objects, Face Detection
Compatibility	ONVIF (Profile S); CGI; Milestone; Genetec; Dahua Cloud	ONVIF Profile S & G; CGI; P2P; Milestone; Genetec	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P	ONVIF (2.4), PSIA, CGI	ONVIF (2.4), PSIA, CGI
Audio In/Out	1/1	1/1	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	--	Micro SD, Max. 256GB	Micro SD Card (supports max. 256G)	Micro SD, Max. 128GB	Micro SD, Max. 128GB
Alarm In/Out	--	2 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	--	--	--
Ingress Protection	--	IP67	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-40°C ~ +60°C (-40°F ~ +140°F)	-40°C~+60°C(-40°F ~ +140°F)	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	DC12V, Max. 1.4W	12V DC/POE, Max.11.6W	DC12V, PoE (IEEE 802.3af)	DC12V, PoE (802.3af), Max. 5W	DC12V, PoE (802.3af), Max. 5W

NETWORK CAMERAS

Special Series

Mobile Camera

Model	IPC-HDBW3231F-M/M12	IPC-HDBW3541F-AS-M	IPC-HDBW3441F-AS-M	IPC-HDBW3241F-AS-M
Appearance	 Starlight+	 Starlight	 Starlight+	 Starlight
Image Sensor	1/2.8" 2MP progressive scan CMOS	1/2.7" 5MP progressive CMOS	1/2.7" 4MP progressive CMOS	1/2.8" 2Megapixel progressive CMOS
Lens	2.8mm (optional 3.6mm/6mm)	2.8 mm; 3.6 mm; 6 mm	2.8 mm; 3.6 mm; 6 mm	2.8 mm; 3.6 mm; 6 mm
FOV-H	H: 110° (89.5°, 52.8°) , V: 58° (50°, 30°)	2.8 mm: Horizontal: 98°; vertical: 72°; diagonal: 130° 3.6 mm: Horizontal: 80°; vertical: 59°; diagonal: 106° 6 mm: Horizontal: 50°; vertical: 36°; diagonal: 64°	2.8 mm: Horizontal: 103°; vertical: 55°; diagonal: 122° 3.6 mm: Horizontal: 84°; vertical: 45°; diagonal: 100° 6 mm: Horizontal: 52°; vertical: 28°; diagonal: 61°	2.8 mm: Horizontal: 106°; vertical: 57°; diagonal: 126° 3.6 mm: Horizontal: 87°; vertical: 46°; diagonal: 104° 6 mm: Horizontal: 54°; vertical: 29°; diagonal: 63°
Min. Illumination	0.001Lux/F2.1 (Color,1/3s,30IRE) 0.03Lux/F2.1 (Color,1/30s,30IRE) 0Lux/F2.1 (IR on)	0.005 Lux@F1.6	0.005 Lux@F1.6	0.002 Lux@F1.6
Day/Night	Auto (ICR)/Color/B&W	Auto (ICR)/Color/B&W	Auto (ICR)/Color/B&W	Auto (ICR)/Color/B&W
WDR	120 dB	120 dB	120 dB	120 dB
Max. IR Distance	up to 23m (75.5ft)	50m (164.0ft)	50m (164.0ft)	50m (164.0ft)
Video Compression	H.265/H.264H/MJPEG (Sub Stream)	H.265; H.264; H.264H; H.264B; MJPEG	H.265; H.264; H.264H; H.264B; MJPEG	H.265; H.264; H.264H; H.264B; MJPEG
Smart Codec	1920 (H)x1080 (V)	5M (2592x1944); 4M (2688x1520); 3M (2304x1296); 1080p (1920x1080); 1.3M (1280x960); 720p (1280x720); D1 (704x576/704x480); VGA (640x480); CIF (352x288/352x240)	4M (2688x1520); 3M (2304x1296); 1080p (1920x1080); 1.3M (1280x960); 720p (1280x720); D1 (704 x 576/704x480); VGA (640x480); CIF (352x288/352x240)	1080p (1920x1080); 1.3M (1280x960); 720p (1280x720); D1 (704 x 576/704x480); VGA (640x480); CIF (352x288/352x240)
Max. Resolution	Smart H265+/H264+	Smart H265+/H264+	Smart H265+/H264+	Smart H265+/H264+
Frame Rate	Main Stream: 1080P (1~25/30fps) Sub Stream: D1 (1~25/30fps)	Main stream (2592x1944@1-20 fps) (2688x1520@1-25/30 fps) sub stream (704x576@1-25/30 fps) third stream (1280x720@1-25/30 fps)	Main stream (2688x1520@1-25/30 fps) sub stream (704x576@1-25/30 fps) third stream (1280x720@1-25/30 fps)	Main stream (1920x1080@1-25/30 fps) sub stream (704x576@1-25/30 fps) third stream (1280x720@1-25/30 fps)
Multi-streaming	2 Streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan:-30°~30°; Tilt:0°~80°; Rotation:0°~360°	Horizontal: -30°~30°; Vertical: 0°~80°; Rotation: 0°~360°	Horizontal: 30°~30°; Vertical: 0°~80°; Rotation: 0°~360°	Horizontal: -30°~30°; Vertical: 0°~80°; Rotation: 0°~360°
Intelligent Video	Tripwire, Intrusion, Abandoned/Missing Objects	Tripwire; Intrusion (recognition of human and vehicle)	Tripwire; Intrusion (recognition of human and vehicle)	Tripwire; Intrusion (recognition of human and vehicle)
Compatibility	ONVIF Profile S & G, API	ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec	ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec	ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	Mirco SD card 128GB	Micro SD Card (supports max. 256G)	Micro SD Card (supports max. 256G)	Micro SD Card (supports max. 256G)
Alarm In/Out	N/A	--	--	--
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-40°C~+60°C (-40°F~+140°F) / ≤95%	-40°C~+60°C (-40°F~+140°F) / ≤95%	-40°C~+60°C (-40°F~+140°F) / ≤95%
Power	DC12V, PoE (IEEE 802.3af) (Class 0); DC 12V: 2.6W 3.7W (IR on) PoE: 3.5W 5W (IR on)	12V DC/PoE (802.3af), <5.7W	12V DC/PoE (802.3af), <5.7W	12V DC/PoE (802.3af), <5.7W