



IP VIDEO PROJECT PRODUCTS

2020 Ver. 2












Network Cameras / PTZ / NVR / EVS / Thermal / ITC / Transmission / Display & Control / Accessories / Video Management Software / DORI Distance



NETWORK CAMERAS




WizMind 7 Series

Box Camera

Model	IPC-HF71242F	IPC-HF7842F	IPC-HF7442F	IPC-HF7442F-FR
Appearance	  	   	   	   
Image Sensor	1/1.7" 12MP CMOS	1/1.8" 8MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS
Lens	C/CS	C/CS	C/CS	C/CS
FOV-H	--	--	--	--
Min. Illumination	0.01 Lux@F1.8	0.005 Lux@F1.5	0.001 Lux@F1.5	0.001 Lux@F1.5
Day/Night	ICR	ICR	ICR	ICR
WDR	DWDR	120dB	140dB	140 dB
Max. IR Distance	--	--	--	--
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	12MP (4000×3000)	8MP (3840×2160)	4MP (2688×1520)	4MP (2688×1520)
Frame Rate	25/30fps@12MP	25/30fps@8MP	50/60fps@4MP	50/60fps@4MP
Multi-streaming	5 streams	5 streams	5 streams	5 streams
Pan/Tilt/Rotation	--	--	--	--
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP
Audio In/Out	2/1, Built-in MIC	2/1, Built-in MIC	2/1, Built-in MIC	2/1, Built-in MIC
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	2 channels in: 5mA 3V~5V DC 2 channels out: 1,000mA 30V DC/500mA 50V DC	2 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/500mA 50V AC	2 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/500mA 50V AC	2 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/500mA 50V AC
Ingress Protection	--	--	--	--
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	12V DC/24V AC/PoE (802.3af), Max. 12.7W	12V DC/24V AC/POE+ (802.3at), Max. 14.4W	12V DC/24V AC/POE+ (802.3at), Max. 14.4W	12V DC/24V AC/POE+ (802.3at), Max. 14.4W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Recognition	--	--	--	Supported
Video Metadata	Supported	Supported	Supported	Supported
Privacy Protection	--	--	Supported	Supported
ANPR	Supported	Supported	Supported	--
Perimeter Protection	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.
People Counting	Support 4 tripwire number counting, 4 areas people counting, and 4 queue managements.	Support 4 tripwire number counting, 4 areas people counting, and 4 queue managements.	Support 4 tripwire number counting, 4 areas people counting, and 4 queue managements.	Support 4 tripwire number counting, 4 areas people counting, and 4 queue managements.
Stereo Analysis	--	--	--	--
General Intelligence				
IVS	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing





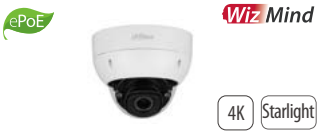
WizMind 7 Series

Vari-focal Bullet

Model	IPC-HFW71242H-Z	IPC-HFW7842H-Z	IPC-HFW7842H-Z4	IPC-HFW7442H-Z	IPC-HFW7442H-ZFR
Appearance	 ePoE Wiz Mind 4K	 ePoE Wiz Mind 4K Starlight+	 ePoE Wiz Mind 4K Starlight	 ePoE Wiz Mind DHOP Starlight+	 ePoE Wiz Mind DHOP Starlight+
Image Sensor	1/1.7" 12MP CMOS	1/1.8" 8MP CMOS	1/1.8" 8MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS
Lens	2.7mm~12mm motorized lens	2.7mm~12mm motorized lens	8mm~32mm motorized lens	2.7mm~12mm motorized lens	2.7mm~12mm motorized lens
FOV-H	103°~44°	114°~47°	40°~15°	114°~47°	114°~47°
Min. Illumination	0.01 Lux@F1.8	0.003 Lux@F1.2	0.005 Lux@F1.26	0.001 Lux@F1.2	0.001 Lux@F1.2
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	DWDR	120dB	120dB	140dB	140 dB
Max. IR Distance	60m (196.9ft)	60m (196.9ft)	120m (393.70ft)	60m (196.9ft)	60m (196.9ft)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
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+
Max. Resolution	12MP (4000×3000)	8MP (3840×2160)	8MP (3840×2160)	4MP (2688×1520)	4MP(2688×1520)
Frame Rate	25/30fps@12MP	25/30fps@8MP	25/30fps@8MP	50/60fps@4MP	50/60fps@4MP
Multi-streaming	5 streams	5 streams	5 streams	5 streams	5 streams
Pan/Tilt/Rotation	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°	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	3 channels in: 5mA 3V~5V DC 2 channels out: 1,000mA 30V DC/ 500mA 50V DC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC
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)	-40°C ~ +60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F~+140°F)
Power	12V DC/24V AC/POE+ (802.3at), Max. 19.32W	12V DC/24V AC/POE+ (802.3at), Max. 17.3W	12V DC/24V AC/POE+(802.3at), Max. 17.3W	12V DC/24V AC/POE+ (802.3at), Max. 17.3W	12V DC/24V AC/POE+ (802.3at), Max. 17.3W
Artificial Intelligence					
Face Detection	Supported	Supported	Supported	Supported	Supported
Face Recognition	--	--	--	--	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported
Privacy Protection	--	--	--	Supported	Supported
ANPR	Supported	Supported	Supported	Supported	--
Perimeter Protection	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.				
People Counting	Support 4 tripwire number counting, 4 areas people counting , and 4 queue managements.				
Stereo Analysis	--	--	--	--	--
General Intelligence					
IVS	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing

NETWORK CAMERAS

WizMind 7 Series

	Vari-focal Bullet		Vari-focal Dome		
Model	IPC-HFW7442H-Z4	IPC-HFW7442H-Z4FR	IPC-HDBW71242H-Z	IPC-HDBW7842H-Z	IPC-HDBW7842H-Z4
Appearance					
Image Sensor	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS	1/1.7" 12MP CMOS	1/1.8" 8MP CMOS	1/1.8" 8MP CMOS
Lens	8mm~32mm motorized lens	8mm~32mm motorized lens	2.7mm~12mm motorized lens	2.7mm~12mm motorized lens	8mm~32mm motorized lens
FOV-H	40°~15°	40°~15°	103°~44°	114°~47°	40°~15°
Min. Illumination	0.001 Lux@F1.6	0.001 Lux@F1.6	0.01 Lux@F1.8	0.003 Lux@F1.2	0.005 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	140dB	140 dB	DWDR	120dB	120dB
Max. IR Distance	120m (393.70ft)	120m (393.70ft)	40m(131.23ft)	40m(131.23ft)	80m (262.5ft)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
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+
Max. Resolution	4MP (2688x1520)	4MP(2688x1520)	12MP (4000x3000)	8MP (3840x2160)	8MP (3840x2160)
Frame Rate	50/60fps@4MP	50/60fps@4MP	25/30fps@12MP	25/30fps@8MP	25/30fps@8MP
Multi-streaming	5 streams	5 streams	5 streams	5 streams	5 streams
Pan/Tilt/Rotation	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC	3 channels in: 5mA 3V~5V DC 2 channels out: 1,000mA 30V DC/ 500mA 50V DC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC	3 channels in: 5mA 5V DC 2 channels out: 1000mA 30V DC/ 500mA 50V AC
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)	-40°C~+60°C (-40°F~+140°F)	-40°C~+60°C (-40°F~+140°F)
Power	12V DC/24V AC/POE+ (802.3at), Max. 17.3W	12V DC/24V AC/POE+ (802.3at), Max. 17.3W	12V DC/24V AC/POE+ (802.3at), Max. 19.32W	12V DC/24V AC/POE+ (802.3at), Max. 16.7W	12V DC/24V AC/POE+(802.3at), Max. 16.7W
Artificial Intelligence					
Face Detection	Supported	Supported	Supported	Supported	Supported
Face Recognition	--	Supported	--	--	--
Video Metadata	Supported	Supported	Supported	Supported	Supported
Privacy Protection	Supported	Supported	--	--	--
ANPR	Supported	--	Supported	Supported	Supported
Perimeter Protection	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.				
People Counting	Support 4 tripwire number counting, 4 areas people counting, and 4 queue managements.				
Stereo Analysis	--	--	--	--	--
General Intelligence					
IVS	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing

WizMind 7 Series









Vari-focal Dome

Model	IPC-HDBW7442H-Z	IPC-HDBW7442H-ZFR	IPC-HDBW7442H-Z4	IPC-HDBW7442H-Z4FR
Appearance	 	 	 	 
Image Sensor	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4MP CMOS
Lens	2.7mm ~12mm motorized lens	2.7mm ~12mm motorized lens	8mm ~32mm motorized lens	8mm ~32mm motorized lens
FOV-H	114°~47°	114°~47°	40°~15°	40°~15°
Min. Illumination	0.001 Lux@F1.2	0.001 Lux@F1.2	0.001 Lux@F1.6	0.001 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR
WDR	140dB	140 dB	140dB	140 dB
Max. IR Distance	40m(131.23ft)	40m(131.23ft)	80m (262.5ft)	80m (262.5ft)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	4MP (2688x1520)	4MP(2688x1520)	4MP (2688x1520)	4MP (2688x1520)
Frame Rate	50/60fps@4MP	50/60fps@4MP	50/60fps@4MP	50/60fps@4MP
Multi-streaming	5 streams	5 streams	5 streams	5 streams
Pan/Tilt/Rotation	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80°; Rotation:0°~355°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P;RTMP
Audio In/Out	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
Alarm In/Out	3 channels in: 5mA 5V DC; 2 channels out: 1000mA 30V DC/500mA 50V AC	3 channels in: 5mA 5V DC; 2 channels out: 1000mA 30V DC/500mA 50V AC	3 channels in: 5mA 5V DC; 2 channels out: 1000mA 30V DC/500mA 50V AC	3 channels in: 5mA 5V DC; 2 channels out: 1000mA 30V DC/500mA 50V AC
Ingress Protection	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)	-40°C~+60°C (-40°F~+140°F)
Power	12V DC/24V AC/POE+ (802.3at), Max. 16.7W	12V DC/24V AC/POE+ (802.3at), Max. 16.7W	12V DC/24V AC/POE+ (802.3at), Max. 16.7W	12V DC/24V AC/POE+ (802.3at), Max. 16.7W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Recognition	--	Supported	--	Supported
Video Metadata	Supported	Supported	Supported	Supported
Privacy Protection	Supported	Supported	Supported	Supported
ANPR	Supported	--	Supported	--
Perimeter Protection	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.
People Counting	Support 4 tripwire number counting, 4 areas people counting , and 4 queue managements.	Support 4 tripwire number counting, 4 areas people counting , and 4 queue managements.	Support 4 tripwire number counting, 4 areas people counting , and 4 queue managements.	Support 4 tripwire number counting, 4 areas people counting , and 4 queue managements.
Stereo Analysis	--	--	--	--
General Intelligence				
IVS	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing

NETWORK CAMERAS

WizMind Dual-Lens Series

Dual-lens Camera

Model	IPC-HFW8241X-3D	IPC-HDW8341X-3D-S2	IPC-HDW8341X-BV-3D
Appearance	  	  	  
Image Sensor	Two 1/2.8"2Mp STARVIS™ CMOS	Two 1/2.8"3MP CMOS	Two 1/2.8"3MP CMOS
Lens	2.8mm fixed lens (3.6mm, 6mm optional)	2.8mm fixed lens (3.6mm optional)	2.8mm fixed lens (3.6mm optional)
FOV-H	111°/86°/54°	96°/79°	96°/79°
Min. Illumination	0.003Lux/F1.4	0.005 Lux @F1.6	0.005 Lux @F1.6
Day/Night	ICR	ICR	ICR
WDR	120dB	DWDR	DWDR
Max. IR Distance	40m (131ft)	20m (65.6ft)	20m (65.6ft)
Video Compression	H.265/H.264H/MJPEG(Sub Stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	1080P (1920×1080)	3MP (2048×1536)	3MP (2048×1536)
Frame Rate	25/30fps@1080P	25/30fps@3MP	25/30fps@3MP
Multi-streaming	3 streams	5 streams	5 streams
Pan/Tilt/Rotation	Pan:0°~360°; Tilt:0°~90°	Tilt: 0°~70°	Tilt: 0°~70°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P; RTMP	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P; RTMP
Audio In/Out	1/1	2/1,Built-in MIC&Speaker	2/1,Built-in MIC&Speaker
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	2 channel In: 5mA 3V~5V DC 2 channel Out: 1,000mA 30V DC/500mA 50V DC	2 channel In: 5mA 3V~5V DC 2 channel Out: 1,000mA 30V DC/500mA 50V DC
Ingress Protection	IP67	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)
Power	DC12V, PoE+ (802.3at), Max. 15.1W	12V DC/PoE (802.3af), Max. 10.6W	12V DC/PoE (802.3af), Max. 10.6W
Artificial Intelligence			
Face Detection	--	Supported	Supported
Face Recognition	--	--	--
Video Metadata	--	--	--
Privacy Protection	--	--	--
ANPR	--	--	--
Perimeter Protection	--	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human); parking detection, loitering detection, and people gathering.
People Counting	--	Support 4 tripwire number counting, 4 areas people counting , and 4 queue managements.	--
Stereo Analysis	Fall Detection, Strand Detection, People Approach People NO. error Detection, Violence Detection	--	Fall detection, Strand detection, People approach, People NO. error detection, Violence detection
General Intelligence			
IVS	Tripwire, Intrusion, Object Abandoned/Missing, Heat Map	Object Abandoned/Missing	Object Abandoned/Missing

WizMind 5 Series







Junction Box Housing

Model	IPC-HFW5842H-ZHE	IPC-HFW5842H-Z4HE	IPC-HFW5442H-ZE/ZHE	IPC-HFW5442H-Z4E	IPC-HFW5242H-ZE/ZHE-MF	IPC-HFW5242H-Z6E-MF
Appearance						
Image Sensor	1/1.8"8Mp CMOS	1/1.8"8Mp CMOS	1/1.8"4Mp CMOS	1/1.8"4Mp CMOS	1/1.8"2Mp CMOS	1/1.8"2Mp CMOS
Lens	2.7~12mm motorized lens	8~32 mm motorized lens	2.7~12 mm motorized lens	8~32 mm motorized lens	2.7mm~18mm motorized lens	8~48 mm motorized lens
FOV-H	114°~47°	40°~15°	107°~44°	42°~15°	107°~33.9°	42°~10.9°
Min. Illumination	0.003 Lux@F1.2	0.005 Lux@F1.6	0.003Lux@F1.8	0.002 Lux@F1.6	0.003Lux@F1.8	0.002Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	140dB	140dB	140dB	140dB
Max. IR Distance	60m (196.85ft)	120m (393.7ft)	60m (196.85ft)	120m (393.7ft)	70m (229.7ft)	140m (459.3ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+	Smart H.265+/H.264+
Max. Resolution	8MP (3840×2160)	8MP (3840×2160)	4MP (2688×1520)	4MP (2688×1520)	1080P (1920×1080)	1080P(1920×1080)
Frame Rate	25/30fps@8Mp	25fps/30fps@8Mp	25/30fps@4Mp	25/30fps@4Mp	50/60fps@1080P	50/60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	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°	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	3 channel In: 5mA 5V DC 2 channel Out: 1000mA 30V DC/500mA 50V AC	3 channel In: 5mA 5V DC 2 channel Out: 1000mA 30V DC/500mA 50V AC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	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)	-30°C~+60°C (-22°F~+140°F) (-ZE) -40°C~+60°C (-40°F~+140°F) (-ZHE)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F) (-ZE) -40°C~+60°C (-40°F~+140°F) (-ZHE)	-30°C~+60°C (-22°F~+140°F)
Power	12V DC/24V AC/POE+ (802.3at), Max. 17.3W	12V DC/24V AC/POE+ (802.3at), Max. 17.3W	DC12V, PoE (802.3af), Max. 11.6W (-ZE); DC12V, PoE (802.3af), Max. 11.6W (-ZHE)	DC12V, PoE (802.3af), Max. 11.6W	DC12V, PoE (802.3af), Max. 11.6W (-ZE) DC12V, PoE (802.3af), Max. 11.6W (-ZHE)	DC12V, PoE (802.3af), Max. 11.6W
Artificial Intelligence						
Face Detection	Supported	Supported	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard					
Perimeter Protection	Tripwire, Intrusion, Fast moving (the three functions support the classification and accurate detection of vehicle and human), Parking Detection, Loitering Detection, and People Gathering.					
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection					
General Intelligence						
IVS	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

NETWORK CAMERAS






WizMind 5 Series

Junction Box Housing

Model	IPC-HDBW5842H-ZHE	IPC-HDBW5842H-Z4HE	IPC-HDBW5442H-ZE/ZHE	IPC-HDBW5442H-Z4E	IPC-HDBW5242H-ZE/ZHE-MF	IPC-HDBW5242H-Z6E-MF
Appearance	 ePoE Wiz Mind 4K Starlight+	 ePoE Wiz Mind 4K Starlight	 ePoE Wiz Mind DHOP Starlight+	 ePoE Wiz Mind DHOP Starlight+	 ePoE Wiz Mind DHOP Starlight+	 ePoE Wiz Mind DHOP Starlight+
Image Sensor	1/1.8" 8Mp CMOS	1/1.8" 8Mp CMOS	1/1.8" 4Mp CMOS	1/1.8" 4Mp CMOS	1/1.8" 2Mp CMOS	1/1.8" 2Mp CMOS
Lens	2.7 mm~12.0mm motorized lens	8-32 mm motorized lens	2.7-12 mm motorized lens	8-32 mm motorized lens	2.7mm~18mm motorized lens	8-48 mm motorized lens
FOV-H	114°~47°	40°~15°	107°~44°	42°~15°	107°~33.9°	42°~10.9°
Min. Illumination	0.003 Lux@F1.2	0.005 Lux@F1.6	0.003 Lux@F1.8	0.002 Lux@F1.6	0.003 Lux@F1.8	0.002 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120 dB	120dB	140dB	140dB	140dB	140dB
Max. IR Distance	40 m (131.23ft)	80m (262.5ft)	40m (131.2ft)	80m (262.5ft)	50m (164ft)	100m (328.1ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+	Smart H.265+/H.264+
Max. Resolution	8MP (3840×2160)	8MP (3840×2160)	4MP (2688×1520)	4MP (2688×1520)	1080P (1920×1080)	1080P (1920×1080)
Frame Rate	25 fps/30 fps@8Mp	25fps/30fps@8Mp	25/30fps@4Mp	25/30fps@4Mp	50/60fps@1080P	50/60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan:0°~355°; Tilt:0°~80° Rotation:0°~355°	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°	Pan:0°~355°; Tilt:0°~80° Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80° Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80° Rotation:0°~355°	Pan:0°~355°; Tilt:0°~80° Rotation:0°~355°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G&T, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	3 channel In: 5mA 5V DC 2 channel Out: 1000mA 30V DC/500mA 50V AC	3 channel In: 5mA 5V DC 2 channel Out: 1000mA 30V DC/500mA 50V AC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC	3 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	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)	-30°C~-60°C (-22°F~+140°F) (-ZE) -40°C+60°C (-40°F~+140°F) (-ZHE)	-30°C~-60°C (-22°F~+140°F)	-30°C~-60°C (-22°F~+140°F) (-ZE) -40°C+60°C (-40°F~+140°F) (-ZHE)	-30°C~-60°C (-22°F~+140°F)
Power	12V DC/24V AC/PoE+ (802.3at), Max. 15.7W	12V DC/24V AC/POE+ (802.3at), Max. 16.7W	DC12V, PoE (802.3af), Max. 11.9W(-ZE) DC12V, PoE (802.3af), Max. 11.9W (-ZHE)	DC12V, PoE (802.3af), Max. 11.9W	DC12V, PoE (802.3af), Max. 11.9W (-ZE) DC12V, PoE (802.3af), Max. 11.9W (-ZHE)	DC12V, PoE (802.3af), Max. 11.9W
Artificial Intelligence						
Face Detection	Supported	Supported	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard					
Perimeter Protection	Tripwire, intrusion, fast moving (the three functions support the classification and accurate detection of vehicle and human), parking detection, loitering detection, and People Gathering.					
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection					
General Intelligence						
IVS	Object Abandoned/Missing	Object Abandoned/Missing	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

WizMind 5 Series

Box Camera

Model	IPC-HF541E-E	IPC-HF5442E-E	IPC-HF5241E-E	IPC-HF5242E-E-MF
Appearance	 	 	 	 
Image Sensor	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/1.8" 2Mp CMOS
Lens	C/CS	C/CS	C/CS	C/CS
FOV-H	--	--	--	--
Min. Illumination	0.005 Lux@F1.7	0.002 Lux@F1.5	0.002 Lux@F1.5	0.002 Lux@F1.5
Day/Night	ICR	ICR	ICR	ICR
WDR	120dB	140dB	120dB	140dB
Max. IR Distance	--	--	--	--
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	5MP (2592x1944)	4MP (2688x1520)	1080P (1920x1080)	1080P (1920x1080)
Frame Rate	20fps@5Mp	25/30fps@4Mp	25/30fps@1080P	50/60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	--	--	--
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	1/1, Built-in MIC	1/1, Built-in MIC	1/1, Built-in MIC	1/1, Built-in MIC
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	2 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC	2 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC	2 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC	2 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC
Ingress Protection	--	--	--	--
Working Temperature	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)
Power	DC12V/AC24V, PoE (802.3af), Max. 9.2W	DC12V/AC24V, PoE (802.3af), Max. 9.2W	DC12V/AC24V, PoE (802.3af), Max. 9.5W	DC12V/AC24V, PoE (802.3af), Max. 9.2W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection			
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection			
General Intelligence				
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

NETWORK CAMERAS

WizMind 5 Series

Vari-focal Bullet

Model	IPC-HFW5541E-ZE	IPC-HFW5541E-ZSE	IPC-HFW5442E-ZE/ZHE	IPC-HFW5442E-Z4E
Appearance				
Image Sensor	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4Mp CMOS
Lens	2.7mm ~13.5mm motorized lens	7mm ~35mm motorized lens	2.7mm ~12mm motorized lens	8 mm~32 mm motorized lens
FOV-H	100°~28°(2592×1944) 104°~29°(2688×1520)	31°~9°(2592×1944) 32°~9°(2688×1520)	114°~47°	43°~15°
Min. Illumination	0.005 Lux@F1.5	0.003 Lux@F1.3	0.003 Lux@F1.8	0.002 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR
WDR	120dB	120dB	140dB	140dB
Max. IR Distance	50m (164ft)	120 m (394ft)	50m (164ft)	120 m (394ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	5MP (2592×1944)	5MP (2592×1944)	4MP (2688×1520)	4MP (2688×1520)
Frame Rate	20fps@5Mp	20fps@5Mp	25/30fps@4Mp	25/30fps@4Mp
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	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°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G&T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	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
Alarm In/Out	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	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~+60°C (-22°F~+140°F) (-ZE) -40°C~+60°C (-40°F~+140°F) (-ZHE)	-30°C~+60°C (-22°F~+140°F)
Power	DC12V, PoE (802.3af), Max. 10.9W	DC12V, PoE (802.3af), Max. 10.9W	DC12V, PoE (802.3af), Max. 10.9W (-ZE) DC12V, PoE+ (802.3at), Max. 15.2W (-ZHE)	DC12V, PoE (802.3af), Max. 10.9W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard		Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection
People Counting	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
General Intelligence				
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

WizMind 5 Series


Vari-focal Bullet

Model	IPC-HFW5241E-ZE/ZHE	IPC-HFW5241E-ZSE	IPC-HFW5241E-Z12E	IPC-HFW5242E-ZE-MF
Appearance	  DHOP Starlight+	  DHOP Starlight+	  DHOP Starlight+	  DHOP Starlight+
Image Sensor	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/1.8" 2Mp CMOS
Lens	2.7mm ~13.5mm motorized lens	7mm ~35mm motorized lens	5.3 mm~64.0 mm motorized lens	2.7 mm~12.0 mm motorized lens
FOV-H	109°~30°	33°~10°	58°~4°	114°~47°
Min. Illumination	0.002 Lux@F1.5	0.0015 Lux@F1.3	0.002 Lux@F1.5	0.003 Lux@F1.8
Day/Night	ICR	ICR	ICR	ICR
WDR	120dB	120dB	120dB	140dB
Max. IR Distance	50m (164ft)	120m (394ft)	150 m (492ft)	50m (164ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	1080P (1920×1080)	1080P(1920×1080)	1080P (1920×1080)	1080P (1920×1080)
Frame Rate	25/30fps@1080P	25/30fps@1080P	25/30fps@1080P	50/60 fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	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°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	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
Alarm In/Out	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-30°C~+60°C(-22°F ~ +140°F) (-ZE) -40°C+60°C(-40°F ~ +140°F)(-ZHE)	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F)
Power	DC12V, PoE (802.3af),Max. 10.3W(-ZE) DC12V, PoE+(802.3at),Max. 14.6W(-ZHE)	DC12V, PoE (802.3af), Max. 10.3W	DC12V, PoE (802.3af), Max. 10.3W	DC12V, PoE (802.3af), Max. 10.9W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection
People Counting	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/ Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
General Intelligence				
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

NETWORK CAMERAS






WizMind 5 Series

Vari-focal Dome

Model	IPC-HDBW5541E-ZE	IPC-HDBW5541E-Z5E	IPC-HDBW5442E-ZE/ZHE	IPC-HDBW5442E-Z4E	IPC-HDBW5241E-ZE/ZHE	IPC-HDBW5241E-Z5E
Appearance						
Image Sensor	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/1.8" 4Mp CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS
Lens	2.7mm ~13.5mm motorized lens	7mm ~35mm motorized lens	2.7mm ~12mm motorized lens	8mm ~32mm motorized lens	2.7mm ~13.5mm motorized lens	7mm ~35mm motorized lens
FOV-H	100°~28° (2592x1944) ; 104°~29° (2688x1520)	31°~9° (2592x1944) ; 32°~9° (2688x1520)	114°~47°	43°~15°	109°~30°	33°~10°
Min. Illumination	0.005 Lux@F1.5	0.003 Lux@F1.3	0.003 Lux@F1.8	0.002 Lux@F1.6	0.002 Lux@F1.5	0.0015 Lux@F1.3
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	120dB	140dB	140dB	120dB	120dB
Max. IR Distance	40m (131ft)	80m (262ft)	40m (131ft)	80m (262ft)	40m (131ft)	80m (262ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+	Smart H.265+/H.264+
Max. Resolution	5MP (2592x1944)	5MP (2592x1944)	4MP (2688x1520)	4MP (2688x1520)	1080P (1920x1080)	1080P (1920x1080)
Frame Rate	20fps@5Mp	20fps@5Mp	25/30fps@4Mp	25/30 fps@4Mp	25/30fps@1080P	25/30fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan:0°~355°; Tilt:0°~65° Rotation:0°~355°	Pan:0°~355°; Tilt:0°~65° Rotation:0°~355°	Pan:0°~355°; Tilt:0°~65° Rotation:0°~355°	Pan:0°~355°; Tilt:0°~65°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~65°; Rotation:0°~355°	Pan:0°~355°; Tilt:0°~65°; Rotation:0°~355°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1	1/1
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	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~+60°C (-22°F ~ +140°F) (-ZE) -40°C~+60°C (-40°F ~ +140°F) (-ZHE)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C(-22°F ~ +140°F) (-ZE) -40°C~+60°C(-40°F ~ +140°F) (-ZHE)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V/AC24V, PoE (802.3af) Max. 12.4W	DC12V/AC24V, PoE (802.3af) Max. 12.4W	DC12V/AC24V, PoE (802.3af), Max. 12.4W (-ZE) DC12V/AC24V, PoE+ (802.3at), Max. 18.7W (-ZHE)	DC12V/AC24V, PoE (802.3af), Max. 12.4W	DC12V/AC24V, PoE (802.3af), Max. 11.8W (-ZE) DC12V/AC24V, PoE+ (802.3at), Max. 18W (-ZHE)	DC12V/AC24V, PoE (802.3af), Max. 11.8W
Artificial Intelligence						
Face Detection	Supported	Supported	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard			Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard		
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection			Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection		
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection			Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		
General Intelligence						
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

WizMind 5 Series

Vari-focal Dome

Model	IPC-HDBW5242E-ZE-MF	IPC-HDPW5541G-ZE	IPC-HDPW5442G-ZE	IPC-HDPW5241G-ZE	IPC-HDPW5242G-ZE-MF
Appearance					
Image Sensor	1/1.8" 2MP CMOS	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/1.8" 2MP CMOS
Lens	2.7 mm~12.0mm motorized lrns	2.7mm~13.5mm motorized lens	2.7mm~12mm motorized lens	2.7mm~13.5mm motorized lens	2.7mm~12.0mm motorized lens
FOV-H	114°~47°	100°~28°(2592×1944) 104°~29°(2688×1520)	114°~47°	109°~30°	114°~47°
Min. Illumination	0.003Lux@F1.8	0.005 Lux@F1.5	0.003 Lux@F1.8	0.002 Lux@F1.5	0.003Lux@F1.8
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	140dB	120dB	140dB	120dB	140dB
Max. IR Distance	40m (131ft)	40m (131ft)	40m (131 ft)	40m (131ft)	40m (131ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+
Max. Resolution	1080P (1920×1080)	5MP (2592×1944)	4MP (2688×1520)	1080P (1920×1080)	1080P (1920×1080)
Frame Rate	50/60fps@1080P	20fps@5MP	25/30fps@4MP	25/30fps@1080P	50/60 fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~65°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	1/1	1/1	1/1	1/1	1/1
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 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	--	--	--	--
Working Temperature	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)	-30°C~+60°C(-22°F~+140°F)
Power	DC12V/AC24V, PoE (802.3af), Max. 12.4W	DC12V, PoE (802.3af), Max. 11W	DC12V, PoE (802.3af), Max. 11W	DC12V, PoE (802.3af), Max. 10.6W	DC12V, PoE (802.3af), Max. 11W
Artificial Intelligence					
Face Detection	Supported	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard				
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection				
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
General Intelligence					
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map







NETWORK CAMERAS

WizMind 5 Series

Vari-focal Eyeball

Model	IPC-HDW5541T-ZE	IPC-HDW5442T-ZE	IPC-HDW5241T-ZE	IPC-HDW5242T-ZE-MF
Appearance				
Image Sensor	1/2.7"5MP CMOS	1/1.8"4MP CMOS	1/2.8"2MP CMOS	1/1.8"2MP CMOS
Lens	2.7 mm-13.5 mm motorized lens	2.7 mm-12 mm motorized lens	2.7 mm-13.5 mm motorized lens	2.7 mm-12 mm motorized lens
FOV-H	100°~28° (2592×1944); 104°~29° (2688×1520)	114°~47°	109°~30°	114°~47°
Min. Illumination	0.005 Lux @F1.5	0.003 Lux @F1.8	0.002 Lux @F1.5	0.003 Lux @F1.8
Day/Night	ICR	ICR	ICR	ICR
WDR	120dB	140dB	120dB	140dB
Max. IR Distance	40m (131.2ft)	40m (131.2ft)	40m (131.2ft)	40m (131.2ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	5MP (2592×1944)	4MP (2688×1520)	1080P (1920×1080)	1080P (1920×1080)
Frame Rate	20fps@5MP	25/30fps@4MP	25/30 fps@1080P	50/60 fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	Built-in MIC	Built-in MIC	Built-in MIC	Built-in MIC
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	--	--	--	--
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30° C ~ +60° C (-22° F ~ +140° F)	-30° C ~ +60° C (-22° F ~ +140° F)	-30° C ~ +60° C (-22° F ~ +140° F)	-30° C ~ +60° C (-22° F ~ +140° F)
Power	DC12V, PoE (802.3af), Max. 7.7W	DC12V, PoE (802.3af), Max. 7.5W	DC12V, PoE (802.3af), Max. 6.9W	DC12V, PoE (802.3af), Max. 7.5W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Attributes	Support 6 kinds of face attributes extraction: Age, Gender, Expression (Jolly, Surprise, Normal, Rage, Sad, Disgusted, Confused, Frightened), Glasses, Mouth Mask, Moustache & Beard			
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection			
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
General Intelligence				
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

WizMind 5 Series






	Fixed-focal Mini-Bullet			Fixed-focal Bullet		
Model	IPC-HFW5541E-SE	IPC-HFW5442E-SE	IPC-HFW5241E-SE	IPC-HFW5541T-SE	IPC-HFW5541T-ASE	IPC-HFW5442T-SE
Appearance						
Image Sensor	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS
Lens	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm, 12mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm, 12mm optional)	2.8mm fixed lens (3.6mm/6mm optional)
FOV-H	102°/84°/51°	113°/89°/56°	106°/87°/53°	102°/84°/51°/38°/25°	102°/84°/51°/38°/25°	113°/89°/56°
Min. Illumination	0.005 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.005 Lux@F1.6	0.005 Lux@F1.6	0.002 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	120dB	140dB	120dB	120dB	120dB	140dB
Max. IR Distance	50m (164ft)	50m (164ft)	50m (164ft)	80m (262ft)	80m (262ft)	50m (164ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+	Smart H.265+/H.264+
Max. Resolution	5MP (2592x1944)	4MP (2688x1520)	1080P (1920x1080)	5MP (2592x1944)	5MP (2592x1944)	4MP (2688x1520)
Frame Rate	20fps@5Mp	25/30fps@4Mp	25/30fps@1080P	20fps@5Mp	20fps@5Mp	25/30fps@4Mp
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	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°	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	--	--	--	--	1/1	--
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	--	--	--	--	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	--
Ingress Protection	IP67	IP67	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)	-40° C ~ +60° C (-40° F ~ +140° F)	-40° C ~ +60° C (-40° F ~ +140° F)	-40° C ~ +60° C (-40° F ~ +140° F)
Power	DC12V, PoE (802.3af), Max. 6.8W	DC12V, PoE (802.3af), Max. 6.8W	DC12V, PoE (802.3af), Max. 6.8W	DC12V, PoE (802.3af), Max. 8.4W	DC12V, PoE (802.3af), Max. 9.5W	DC12V, PoE (802.3af), Max. 8.4W
Artificial Intelligence						
Face Detection	Supported	Supported	Supported	Supported	Supported	Supported
Face Attributes	--	--	--	--	--	--
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection					
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	
General Intelligence						
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

NETWORK CAMERAS

WizMind 5 Series






	Fixed-focal Bullet				Fixed-focal Dome	
Model	IPC-HFW5442T-ASE	IPC-HFW5241T-SE	IPC-HFW5241T-ASE	IPC-HFW5242T-ASE-MF	IPC-HDBW5541R-S	IPC-HDBW5541R-ASE
Appearance						
Image Sensor	1/1.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.8" 2MP STARVIS™ CMOS	1/1.8" 2MP CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS
Lens	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm, 12mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm, 12mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm, 12mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)
FOV-H	113°/89°/56°	106°/87°/53°/41°/26°	106°/87°/53°/41°/26°	113°/89°/56°	102°/84°/51°	102°/84°/51°
Min. Illumination	0.002 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.005 Lux@F1.6	0.005 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	140dB	120dB	120dB	140dB	120dB	120dB
Max. IR Distance	50m (164ft)	80m (262ft)	80m (262ft)	50m (164ft)	50m (164ft)	50m (164ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+	Smart H.265+/H.264+
Max. Resolution	4MP (2688x1520)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	5MP (2592x1944)	5MP (2592x1944)
Frame Rate	25/30fps@4Mp	25/30fps@1080P	25/30fps@1080P	50/60 fps@1080P	20fps@5Mp	20fps@5Mp
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	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°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	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. 256GB	Micro SD, Max. 256GB
Alarm In/Out	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	--	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	--	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	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)	-40° C ~ +60° C (-40° F ~ +140° F)	-40° C ~ +60° C (-40° F ~ +140° F)	-40° C ~ +60° C (-40° F ~ +141° F)
Power	DC12V, PoE (802.3af), Max. 9.5W	DC12V, PoE (802.3af), Max. 8.3W	DC12V, PoE (802.3af), Max. 8.7W	DC12V, PoE (802.3af), Max. 9.5W	DC12V, PoE (802.3af), Max. 5.2W	DC12V, PoE (802.3af), Max. 6W
Artificial Intelligence						
Face Detection	Supported	Supported	Supported	Supported	Supported	Supported
Face Attributes	--	--	--	--	--	--
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection					
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	
vGeneral Intelligence						
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

WizMind 5 Series






	Fixed-focal Dome				
Model	IPC-HDBW5442R-S	IPC-HDBW5442R-ASE	IPC-HDBW5241R-S	IPC-HDBW5241R-ASE	IPC-HDBW5242R-ASE-MF
Appearance	 DHOP Starlight+	 DHOP Starlight+	 DHOP Starlight+	 DHOP Starlight+	 DHOP Starlight+
Image Sensor	1/1.8" 4Mp CMOS	1/1.8" 4Mp CMOS	1/2.8" 2Mp STARVIS™ CMOS	1/2.8" 2Mp STARVIS™ CMOS	1/1.8" 2Mp CMOS
Lens	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)
FOV-H	113°/89°/56°	113°/89°/56°	106°/87°/53°	106°/87°/53°	113°/89°/56°
Min. Illumination	0.002 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	140dB	140dB	120dB	120dB	140 dB
Max. IR Distance	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+
Max. Resolution	4MP (2688x1520)	4MP (2688x1520)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)
Frame Rate	25/30fps@4Mp	25/30fps@4Mp	25/30fps@1080P	25/30fps@1080P	50/60fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	--	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. 256GB
Alarm In/Out	--	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	--	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-40° C~+60°C (-40°F~+142° F)	-40° C~+60°C (-40°F~+143° F)	-40° C~+60°C (-40°F~+144° F)	-40° C~+60°C (-40°F~+145° F)	-40° C~+60°C (-40°F~+140°F)
Power	DC12V, PoE (802.3af), Max. 5.8W	DC12V, PoE (802.3af), Max. 6.1W	DC12V, PoE (802.3af), Max. 5W	DC12V, PoE (802.3af), Max. 5.5W	DC12V, PoE (802.3af), Max. 6.1W
Artificial Intelligence					
Face Detection	Supported	Supported	Supported	Supported	Supported
Face Attributes	--	--	--	--	--
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection				
People Counting	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection
General Intelligence					
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

NETWORK CAMERAS

WizMind 5 Series

	Fixed-focal Eyeball			Active Deterrence	
Model	IPC-HDW5541TM-ASE	IPC-HDW5442TM-ASE	IPC-HDW5241TM-ASE	IPC-HDW5541H-AS-PV	IPC-HDW5241H-AS-PV
Appearance					
Image Sensor	1/2.7" 5MP CMOS	1/1.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/2.7" 5Mp CMOS	1/2.8" 2MP STARVIS™ CMOS
Lens	2.8mm fixed lens (3.6mm, 6mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm, 6mm optional)	2.8mm fixed lens (3.6mm, 6mm optional)	2.8mm fixed lens (3.6mm, 6mm optional)
FOV-H	102°/84°/51°	113°/89°/56°	106°/87°/53°	102°/84°/51°	106°/87°/53°
Min. Illumination	0.005 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.005 Lux@F1.6	0.002 Lux@F1.6
Day/Night	ICR	ICR	ICR	ICR	ICR
WDR	120dB	140dB	120dB	120dB	120dB
Max. IR Distance	50m (164ft)	50m (164ft)	50m (164ft)	50m (164ft)	50m (164ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+
Max. Resolution	5MP (2592x1944)	4MP (2688x1520)	1080P (1920x1080)	5MP (2592x1944)	1080P (1920x1080)
Frame Rate	20fps@5Mp	25/30fps@4Mp	25/30fps@1080P	20fps@5Mp	25/30fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	Built-in MIC	Built-in MIC	Built-in MIC	1/1, Built-in MIC,Built-in Speaker	1/1, Built-in MIC,Built-in Speaker
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	--	--	--	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Working Temperature	-40°C~+60°C (-40°F~+145°F)	-40°C~+60°C (-40°F~+146°F)	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)
Power	DC12V, PoE (802.3af), Max. 7.2W	DC12V, PoE (802.3af), Max. 7.2W	DC12V, PoE (802.3af), Max. 6.8W	DC12V, PoE (802.3af), Max. 7.2W	DC12V, PoE (802.3af), Max. 7W
Artificial Intelligence					
Face Detection	Supported	Supported	Supported	--	--
Face Attributes	--	--	--	--	--
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection				
People Counting	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
General Intelligence					
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map





WizMind 5 Series

	Active Deterrence		Full-color			
Model	IPC-HFW5541T-AS-PV	IPC-HFW5241T-AS-PV	IPC-HFW5442T-AS-LED	IPC-HFW5241T-AS-LED	IPC-HFW5442T-ASE-NI	IPC-HFW5241T-ASE-NI
Appearance	 	 	 	 	 	 
Image Sensor	1/2.7" 5MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/1.8" 4MP CMOS	1/2.8" 2MP STARVIS™ CMOS	1/1.8" 4MP CMOS	1/2.8" 2MP CMOS
Lens	2.8mm fixed lens (3.6mm, 6mm, 8mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm optional)	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm, 6mm, 8mm optional)	3.6mm fixed lens	3.6mm fixed lens
FOV-H	102°/84°/51°/38°	106°/87°/53°/41°	113°/89°/56°	106°/87°/53°/41°	93°	88°
Min. Illumination	0.005 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.002 Lux@F1.6	0.001Lux@F1.0	0.001Lux@F1.0
Day/Night	ICR	ICR	Electronic	Electronic	Electronic	Color/B/W
WDR	120dB	120dB	140dB	120dB	140dB	120dB
Max. IR Distance	60m (197ft)	60m (197ft)	40m (132ft)	50m (164ft)	--	--
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
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+	Smart H.265+/H.264+
Max. Resolution	5MP (2592x1944)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)	4MP (2688x1520)	1080P (1920x1080)
Frame Rate	20fps@5Mp	25/30fps@1080P	25/30fps@4Mp	25/30fps@1080P	25/30fps@4Mp	25/30fps@2Mp
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	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°	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G&T, CGI	ONVIF Profile S, G&T, CGI
Audio In/Out	1/1,Built-in Speaker	1/1,Built-in Speaker	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. 256GB	Micro SD, Max. 256GB
Alarm In/Out	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Ingress Protection	IP67	IP67	IP67, IK10	IP67, IK10	IP67	IP67
Working Temperature	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)	-40°C ~ +60°C (-40°F ~ +147°F)	-40°C~+60°C (-40°F~+147°F)
Power	DC12V, PoE (802.3af), Max. 8.5W	DC12V, PoE (802.3af), Max. 8.3W	DC12V, PoE (802.3af), Max. 7.4W	DC12V, PoE (802.3af), Max. 7W	DC12V, PoE (802.3af), Max. 4.4W	DC12V, PoE (802.3af), Max. 3.8W
Artificial Intelligence						
Face Detection	--	--	Supported	Supported	Supported	Supported
Face Attributes	--	--	--	--	--	--
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection		Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection		Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection	
General Intelligence						
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

NETWORK CAMERAS

WizMind 5 Series

Full-color

Model	IPC-HDBW5442R-ASE-NI	IPC-HDBW5241R-ASE-NI	IPC-HDW5442TM-AS-LED	IPC-HDW5241TM-AS-LED
Appearance				
Image Sensor	1/1.8" 4MP CMOS	1/2.8" 2MP CMOS	1/1.8" 4MP CMOS	1/2.8" 2Mp STARVIS™ CMOS
Lens	3.6mm fixed lens	3.6mm fixed lens	2.8mm fixed lens (3.6mm/6mm optional)	2.8mm fixed lens (3.6mm, 6mm optional)
FOV-H	93°	88°	113°/89°/56°	106°/87°/53°
Min. Illumination	0.001Lux@ F1.0	0.001Lux@ F1.0	0.002 Lux@F1.6	0.002 Lux@F1.6
Day/Night	Electronic	Color/B/W	Electronic	Electronic
WDR	140dB	120dB	140dB	120dB
Max. IR Distance	--	--	40m (132ft)	40m (132ft)
Video Compression	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H	H.265/H.264/H.264B/H.264H
Smart Codec	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+	Smart H.265+/H.264+
Max. Resolution	4MP (2688×1520)	1080P (1920×1080)	4MP (2688×1520)	1080P (1920×1080)
Frame Rate	25/30fps@4Mp	25/30fps@2Mp	25/30fps@4Mp	25/30fps@1080P
Multi-streaming	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~78°; Rotation: 0°~360°
Compatibility	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI	ONVIF Profile S, G & T, CGI
Audio In/Out	1/1	1/1	Built-in MIC	Built-in MIC
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Alarm In/Out	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	--	--
Ingress Protection	IP67, IK10	IP67, IK10	IP67	IP67
Working Temperature	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)	-40°C~+60°C (-40°F~+147°F)
Power	DC12V, PoE (802.3af), Max. 4.4W	DC12V, PoE (802.3af), Max. 3.8W	DC12V, PoE (802.3af), Max. 7.2W	DC12V, PoE (802.3af), Max. 7.2W
Artificial Intelligence				
Face Detection	Supported	Supported	Supported	Supported
Face Attributes	--	--	--	--
Perimeter Protection	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection		Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection	
People Counting	Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection		Support Line crossing/Region/Queueing people counting Support 4 accesses independent detection, 4 areas independent detection	
General Intelligence				
IVS	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map	Object Abandoned/Missing Heat Map

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.

NETWORK CAMERAS






WizMind Panoramic Series

Panoramic

Model	IPC-PSDW81642M-A360		IPC-PSDW8842M-A180		IPC-PSDW81642ML-A360		IPC-PSDW8842ML-A180	
Appearance	 		 		 		 	
	Panoramic	PTZ	Panoramic	PTZ	Panoramic	PTZ	Panoramic	PTZ
Image Sensor	Eight 1/1.8" 2MP CMOS	1/1.8" 4MP CMOS	Four 1/1.8" 2MP CMOS	1/1.8" 4MP CMOS	Eight 1/1.8" 2MP CMOS	1/1.8" 4MP CMOS	Four 1/1.8" 2MP CMOS	1/1.8" 4MP CMOS
Lens	5.0mm/F2.0	5.6~223mm/F1.3	5.0mm/F2.0	5.6~223mm/F1.3	5.0mm/F2.0	5.6~223mm/F1.3	5.0mm/F2.0	5.6~223mm/F1.3
FOV-H	360°	2°~61°	180°	2°~61°	360°	360°	180°	180°
Min. Illumination	Color: 0.005Lux@F2.0; B/W: 0.0005Lux@F2.0	Color: 0.001Lux@F1.3; B/W: 0.0001Lux@F1.3; 0Lux@F1.3(IR on)	Color: 0.005Lux@F2.0; B/W: 0.0005Lux@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)	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)
Max. IR Distance	--	400m(1312ft)	--	400m (1312ft)	--	220m (722ft)	--	220m (722ft)
Day/Night	ICR		ICR		ICR		ICR	
WDR	120dB		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		H.265/H.264/H.264B/H.264H/MJPEG	
Smart Codec	Smart H265+/H264+		Smart H265+/H264+		Smart H265+/H264+		Smart H265+/H264+	
Resolution	(8192×1800)	4MP (2560×1440)	(4096×1800)	4MP(2560×1440)	(8192×1800)	4MP (2560×1440)	(4096×1800)	4MP (2560×1440)
Frame Rate	30fps@ (8192×1800)	30fps@ (2560×1440)	30fps@ (4096×1800)	30fps@ (2560×1440)	30fps@ (8192×1800)	30fps@ (2560×1440)	30fps@ (4096×1800)	30fps@ (2560×1440)
Multi-streaming	3 streams		3 streams		3 streams		3 streams	
Pan/Tilt/Rotation	--	Pan: 0°~360°; Tilt: -20°~90° Auto flip 180°	--	Pan: 0°~360°; Tilt:-20°~90° Auto flip 180°	--	Pan: 0°~360°; Tilt:-12°~90° Auto flip 180°	--	Pan: 0°~360°; Tilt:-12°~90° Auto flip 180°
Intelligent Video	Tripwire,Intrusion, Scene Change, Crowd Map		Tripwire,Intrusion, Scene Change, Crowd Map		Tripwire, Intrusion, Scene Change		Tripwire, Intrusion, Scene Change	
Dewarping Mode	--		--		--		--	
Compatibility	ONVIF (Profile G/T/S); GB/T28181; CGI		ONVIF (Profile G/T/S); GB/T28181; CGI		ONVIF (Profile S/Profile G); CGI; Milestone; Genetec		ONVIF (Profile S/Profile G); CGI; Milestone; Genetec	
Audio In/Out	2/2		2/2		2/2		2/2	
Memory Slot	Micro SD, Max. 512GB		Micro SD, Max. 512GB		Micro SD,Max. 512GB		Micro SD,Max. 512GB	
Alarm In/Out	7/3		7/3		7/3		7/3	
Ingress Protection	IP66		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)		-40°C~+70°C (-40°F~+158°F)	
Power	DC36V, Max. 84.4W		DC36V, Max. 77.7W		DC36V,Max. 74.6W		DC36V,Max. 67.9W	

WizMind Panoramic Series




Panoramic

Model	IPC-PSDW5231S-B120		IPC-PSDW5631S-B360		IPC-PFW83242-A180	IPC-PFW8840-A180	IPC-PDBW8840-A180
Appearance							
	Panoramic	PTZ	Panoramic	PTZ			
Image Sensor	1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	Three 1/2.7" 2MP CMOS	1/2.7" 2MP CMOS	Four 1/1.8" 8Mp CMOS	Four 1/2.8" 2MP CMOS	Four 1/2.8" 2MP CMOS
Lens	2.0mm/F2.2	2.7mm~13.5mm/F1.8	2.0mm/F2.2	2.7mm~13.5mm/F1.8	2.8mm/F1.6	2.8mm/F1.6	2.8mm/F1.6
FOV-H	136°	105.9°~33.3°	136°	105.9°~33.3°	180°	180°	180°
Min. Illumination	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)	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)	0.005Lux	0.002 Lux	0.002 Lux
Max. IR Distance	15m (49ft)		15m (49ft)		30m (98ft)	30m (98ft)	30m(98ft)
Day/Night	ICR		ICR		ICR	ICR	ICR
WDR	120dB		120dB		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	H.265/H.264/H.264B/H.264H/MJPEG
	Smart H265+/H264+		Smart H265+/H264+		Smart H265+/H264+	Smart H265+/H264+	Smart H265+/H264+
Resolution	1080P (1920x1080)	1080P (1920x1080)	3x (1920x1080)	1080P (1920x1080)	(8192x3840)	(4096x1800)	(4096x1800)
Frame Rate	25fps@ (4096x1800)	25fps@ (4096x1800)	25fps@ (4096x1800)	25fps@ (4096x1800)	30fps@ (8192x3840)	30fps@ (4096x1800)	30fps@ (4096x1800)
Multi-streaming	3 streams		3 streams		3 streams	3 streams	3 streams
Pan/Tilt/Rotation	--	Pan: 0° ~ 355°; endless Tilt: 0° ~ 80°	--	Pan: 0° ~ 355°; endless Tilt: 0° ~ 80°	Tilt:0°~90°; Rotation: 0°~355°	Pan: 0°~355°; Tilt: 0° ~75° Rotation: -20° ~20°	Pan: 0°~355°; Tilt: 0° ~ 90° Rotation: 0° ~ 360°
Intelligent Video	Tripwire,Intrusion	Tripwire,Intrusion	Tripwire,Intrusion	Tripwire,Intrusion	Crowd Distribution Map,Vehicle Situation,Tripwire,Intrusion	Crowd Distribution Map,Vehicle Situation,Tripwire,Intrusion	Crowd Distribution Map,Vehicle Situation,Tripwire,Intrusion
Dewarping Mode	--		--		--	--	--
Compatibility	ONVIF Profile T, CGI		ONVIF Profile T, CGI		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
Audio In/Out	1/1		1/1		2/1	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. 256GB
Alarm In/Out	3/2		3/2		2/2	2/2	2/2
Ingress Protection	--		--		IP67, IK10	IP67, IK10	IP67, IK10
Working Temperature	-10° C ~ +50° C (14° F ~ +122° F)		-10° C ~ +50° C (14° F ~ +122° F)		-40°C~-60°C (-40°F ~ +140°F)	-40°C~-60°C (-40°F ~ +140°F)	-40°C~-60°C (-40°F ~ +140°F)
Power	DC12V, Max. 12.7W		DC12V, Max. 16.1W		DC12V, Max. 24.3W	12V DC/24V AC/PoE (802.3at), Max. 16.2W	12V DC/24V AC/PoE (802.3at), Max. 14.9W

NETWORK CAMERAS

WizMind Panoramic Series

Panoramic

Model	IPC-PDBW5831-B360	IPC-EBW81242	IPC-EBW8630	IPC-EBW8630-IVC	IPC-EB5531	IPC-EW5531-AS
Appearance	 Starlight	 Wiz Mind 4K Starlight+	 Starlight+	 Starlight B4QQV	 Starlight	 Starlight
Image Sensor	Four 1/2.8" 2MP STARVIS™ CMOS	1/1.7" 12MP CMOS	1/1.8" 6MP STARVIS™ CMOS	1/1.8" 6MP STARVIS™ CMOS	1/2.7" 5MP CMOS	1/2.7" 5MP CMOS
Lens	2.7~12mm/F1.4	1.85mm/F2.0	1.7mm/F2.0	1.3mm/F2.8	1.4mm/F1.6	1.4mm/F2.0
FOV-H	4*(105°~44°)	185°	180°	180°	180°	180°
Min. Illumination	0.005Lux/F1.8 (Color,1/3s,30IRE) 0.06Lux/1.8 (Color,1/30s,30IRE) 0Lux/F1.8 (IR on)	0.001Lux/F2.0 (Color,1/3s,30IRE) 0.01Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)	0.002Lux/F2.0 (Color,1/3s,30IRE) 0.02Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)	0.005Lux/F2.8 (Color,1/3s,30IRE) 0.05Lux/F2.8 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)	0.02Lux/F1.6 (Color,1/3s,30IRE) 0.2Lux/F1.6 (Color,1/30s,30IRE) 0.05Lux/F1.6 (B/W,1/3s,30IRE) 0.5Lux/F1.6 (B/W,1/30s,30IRE)	0.006Lux/F2.0 (Color,1/3s,30IRE) 0.02Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on)
Max. IR Distance	30m (98ft)	10m (33ft)	10m (33ft)	10m (33ft)	--	10m (32.8ft)
Day/Night	ICR	ICR	ICR	ICR	Electronic	ICR
WDR	120dB (1 channel)	DWDR	DWDR	DWDR	120dB	120dB
Video Compression	H.265+/H.265 H.264+/H.264	H.265/H.264/H.264B H.264H/MJPEG	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264	H.265+/H.265 H.264+/H.264
Resolution	4x1080P (1920x1080)	12M (4000x3000)	6MP (3072x2048)	6MP (3072x2048)	5MP (2592x1944)	5MP (2592x1944)
Frame Rate	30fps@1080P (1920x1080)	30fps@12MP (4000x3000)	30fps@6MP	30fps@6MP	20fps@5MP, 30fps@3MP	25fps@5M
Multi-streaming	4x2 streams	3 streams	3 streams	3 streams	3 streams	3 streams
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~80° Rotation: 0°~355°	--	--	--	--	--
Intelligent Video	Tripwire, Intrusion, Scene Change Abandoned/Missing	Tripwire, Intrusion Heat map	Tripwire, Intrusion Heat map	Tripwire, Intrusion Heat map	Tripwire, Intrusion Heat map	Tripwire, Intrusion Heat map
Dewarping Mode	--	1O;2P;1R;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	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 & G, API	ONVIF profile S & G, API	ONVIF profile S&G, API	ONVIF, CGI, API
Audio In/Out	1/1	1/1,Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	Built-in Mic	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	Micro SD, Max. 128GB
Alarm In/Out	1/1	2/2	2/2	2/2	--	--
Ingress Protection	IP67, IK10	IP67,IK10	IP67, IK10	IP67, IK10	IP67,IK08	--
Working Temperature	30°C~+60°C (-40°F ~ +140°F)	-30°C~+45°C (-22°F~+113°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-30°C~+60°C (-22°F~+140°F)	-10° C ~ +50° C (14° F ~ +122° F)
Power	AC24V PoE+ (802.3at) (Class 4) Max. 25.5W	DC12V PoE (802.3af) (Class 4) Max. 12.9W	DC12V PoE (802.3af) (Class 0) Max. 12W	DC12V PoE (802.3af) (Class 0) Max. 12W	DC12V PoE (802.3af) (Class 0) Max. 3.4W	DC12V PoE (802.3af) (Class 0) Max. 10.1W

ENABLING A SAFER SOCIETY AND SMARTER LIVING

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* Design and specifications are subject to change without notice.

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