

AI Motorized Pro Dome Network Camera

NDA

IP67 + IK10

Motorized Lens



DATASHEET



- ▶ NDA Compliance (The fully NDA-compliant products are well suited for government, defense and a range of projects subject to the NDA.)
- ▶ Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ 140dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- ▶ Advanced Functions (Boasting to support various advanced functions such as HLC, ROI.)
- ▶ SIP (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)
- ▶ 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- ▶ Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%~80% bandwidth that of H.264.)

AI Video Analytics

- 9 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.



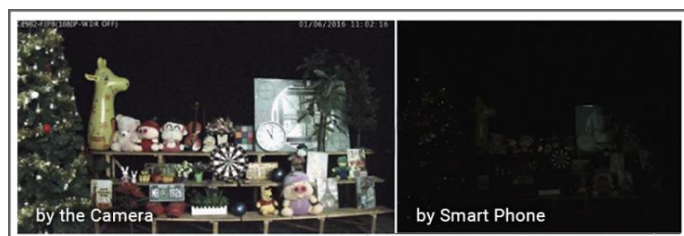
30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.



0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



Integrated Cable Management Bracket

Aiming to reduce the installation troubles to the least, the clamshell design is creatively introduced to the dome base. This revolutionary innovation enlarges the space to make cable connection a piece of cake, greatly saving efforts for installers.



AI Motorized Pro Dome Network Camera



Camera	Model	INVID-MS-C2972-R(T)F(I)PE (2MP)	INVID-MS-C4472-RF(I)PE (4MP)
	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.002Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m(3.0~10.5mm/2.7~13.5mm) Up to 90m(7~22mm)	Up to 50m
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H115°~H34°/D135°~D39° /V62°~V19° (2.7~13.5mm) H93°~H33°/D107°~D38° /V52°~V18° (3.0~10.5mm) H40°~H16°/D46°~D19° /V23°~V9° (7~22mm)	H96°~H42°/D111°~D48°/V55°~V23°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	1920x1080	2688x1520
	Primary Stream	60Hz: 90fps@(1920x1080)(Optional for T Series), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 90fps@(1920x1080)(Optional for T Series), 50fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 60fps@(2688x1520, 2304x1296, 1920x1080, 1280x720) 50Hz: 50fps@(2688x1520, 2304x1296, 1920x1080, 1280x720)
	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)	
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240)	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 320x240)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	

AI Motorized Pro Dome Network Camera



Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	Built-in Microphone and 1 Audio Output interface
	Alarm I/O	1/1
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL,TLS 1.2
Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
Intelligent Analytics	Video Analysis	Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	Face Detection&Face Attribute Recognition	Detect and capture faces, get real-time snapshots; The attributes include Age, Gender, Glasses, Mask and Cap; Support Faces Privacy Mode, the detected faces in the face detection area will be mosaic automatically.
	Object Counting & Report	Count the number of objects crossing the line, optionally human and vehicle, Support regional people counting for up to 4 detection areas
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & M & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	6W MAX 8W MAX (With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance
	Weight	1100g
	Dimensions	Φ143mmX108.4mm
	Warranty	3/5 Years

AI Motorized Pro Dome Network Camera



	Model	INVID-MS-C5372-F(I)PE (5MP)	INVID-MS-C6772-F(I)PE (6MP)
Camera	Image Sensor	1/2.8” Progressive Scan CMOS	1/2.4” Progressive Scan CMOS
	Min. Illumination	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m(3.0~10.5mm/2.7~13.5mm) Up to 90m(7~22mm)	Up to 50m
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	Motorized 2.7-13.5mm@F1.6 P-Iris(Optional)
	Field of View	H89°~H30°/D111°~D37° /V66°~V22° (2.7~13.5mm) H90°~H31°/ D114°~D38° / V67°~V23°(3.0~10.5mm) H37°~H15°/D47°~D19° /V28°~V11° (7~22mm)	H112°~H38°/D129°~D44° /V61°~V22°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	2592x1944	3200x1800
	Primary Stream	60Hz: 30fps@(2592x1944, 2592x1520), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720) 50Hz: 25fps@(2592x1944, 2592x1520), 45fps@(2048x1536), 50fps@(1920x1080, 1280x960, 1280x720)	60Hz: 30fps@(3200x1800, 2560x1440, 1920x1080, 1280x720) 50Hz: 25fps@(3200x1800, 2560x1440, 1920x1080, 1280x720)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)	60Hz: 30fps@(1280x720, 640x480, 640x360) 50Hz:25fps@(1280x720, 640x480, 640x360)
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240)	60Hz: 30fps(1280x720, 640x480, 640x360) 50Hz: 25fps(1280x720, 640x480, 640x360)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	

AI Motorized Pro Dome Network Camera



Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	Built-in Microphone and 1 Audio Output interface
	Alarm I/O	1/1
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL,TLS 1.2
Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
Intelligent Analytics	Video Analysis	Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	Face Detection&Face Attribute Recognition	Detect and capture faces, get real-time snapshots; The attributes include Age, Gender, Glasses, Mask and Cap; Support Faces Privacy Mode, the detected faces in the face detection area will be mosaic automatically.
	Object Counting & Report	Count the number of objects crossing the line, optionally human and vehicle, Support regional people counting for up to 4 detection areas
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & M & S & T, API
General	Working Temperature	-40°C~60°C
	Working Humidity	0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	5W MAX 7W MAX (With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance
	Weight	1100g
	Dimensions	Φ143mmX108.4mm
	Warranty	3/5 Years

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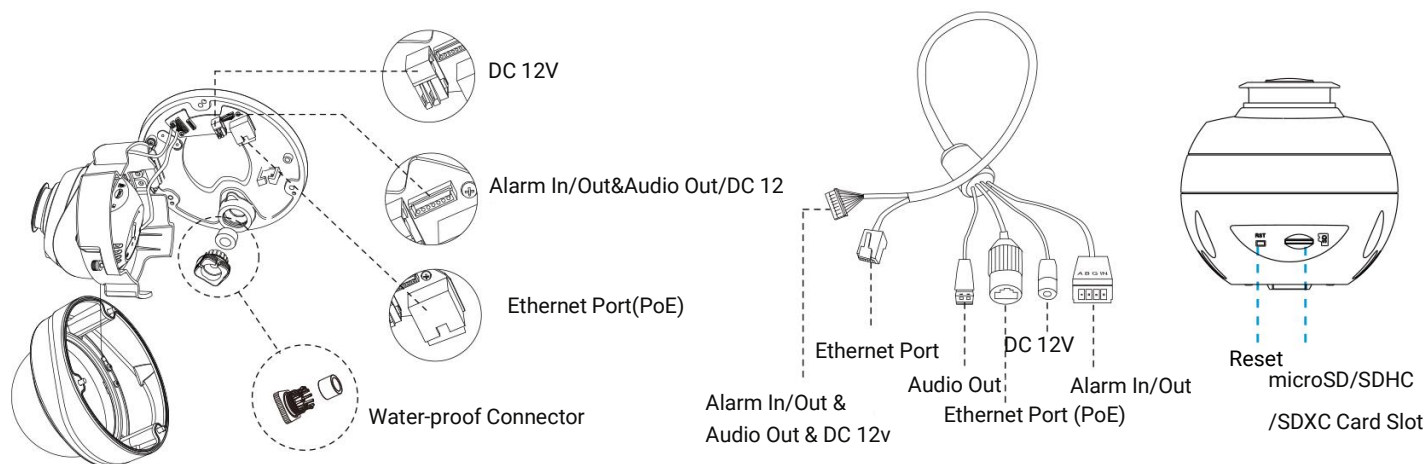
	Model	INVID-MS-C8172-F(I)PE (4K)	INVID-MS-C8272-F(I)PE (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H96°~H33°/D112°~D37°/V53°~V18°	H110°~H46°/D126°~D54°/V61°~V25°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	3840x2160	
	Primary Stream	60Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)	
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240)	
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	Built-in Microphone and 1 Audio Output interface	
	Alarm I/O	1/1	

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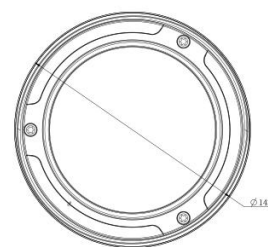
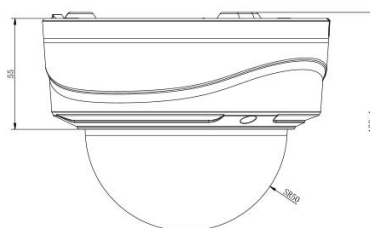
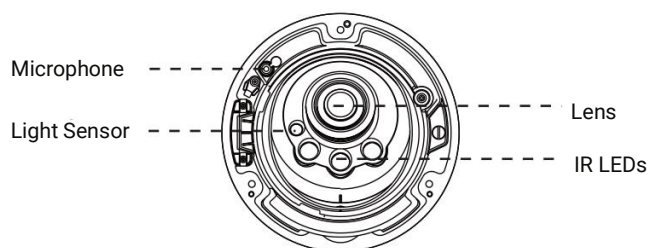


Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL,TLS 1.2
Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
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Intelligent Analytics	Video Analysis	Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
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	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & M & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	7W MAX 9W MAX (With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance
	Weight	1100g
	Dimensions	Φ143mmX108.4mm
	Warranty	3/5 Years

AI Motorized Pro Dome Network Camera



Note: The cable is connected with the interface board by default.



A02 V2 Pole Mount

Weight: 1kg

Dimensions: 180*136*46mm



A03 External Corner Bracket

Weight: 900g

Dimensions: 170*152.5*76.3mm



A72 Wall Mount

Weight: 560g

Dimensions: 240*160*136mm



AC-72 Smoked Dome Cover

For concealing where a camera is pointed



A75 Junction Box

Weight: 200g

Dimensions: 145*167*33.5mm



A76 Pendant Mount

Weight: 620g

Dimensions: 136*L (L is default as 300mm,



A76-L Extension Lever

Weight: 315g

Dimensions: 34*300mm



A78 Recessed Mount

Weight: 715g

Dimensions: 256*256*94mm

