



Our Vision is Your Vision



Product Brochure

**MARINE & INDUSTRIAL CCTV
SYSTEM MANUFACTURER**



CCTV SYSTEM





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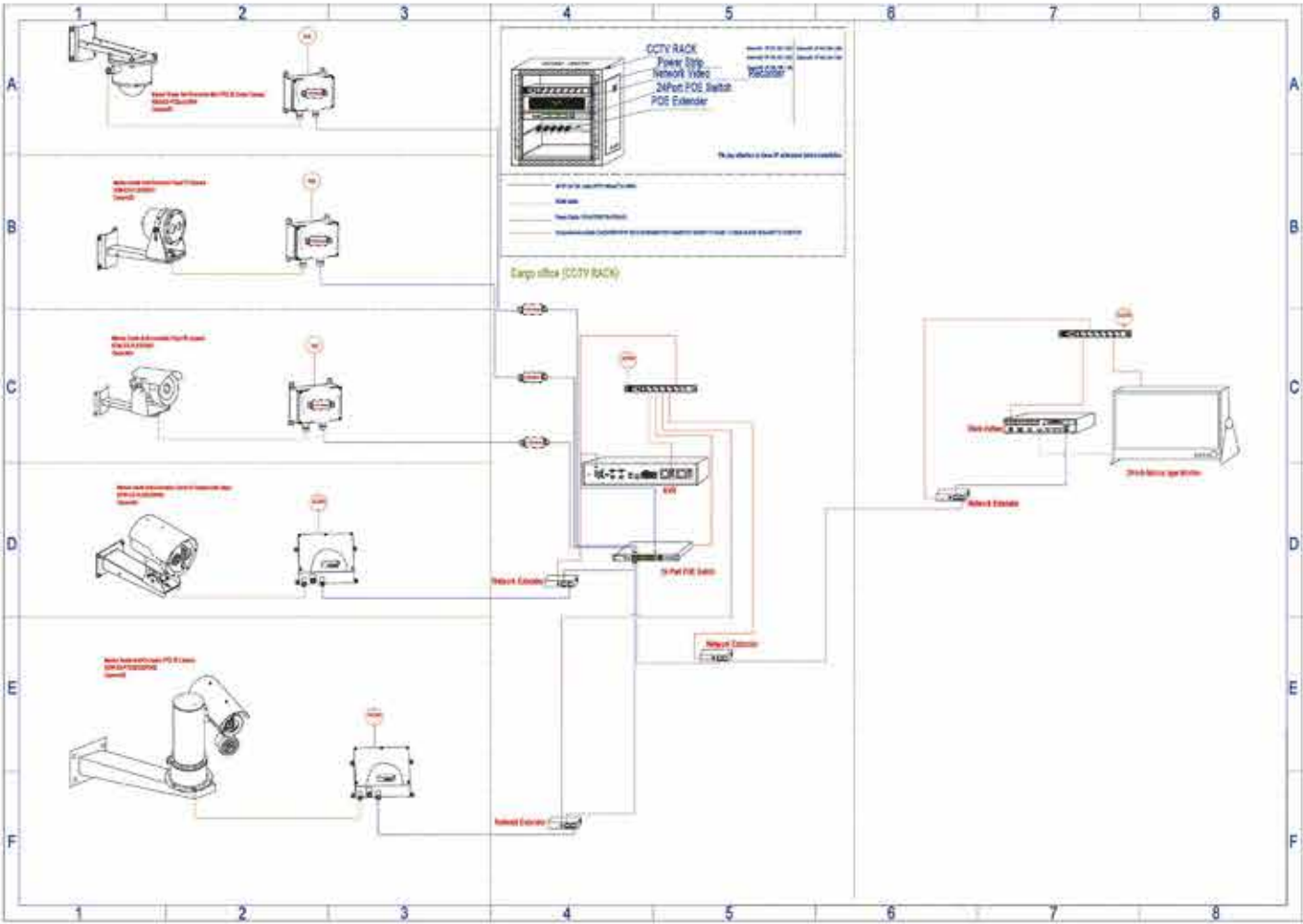
DNV Type Approval CCTV System



Product Catalog

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CCTV System Diagram





M-EX-FLXXXIR01

Marine Grade Anti-Corrosion Fixed IR Camera

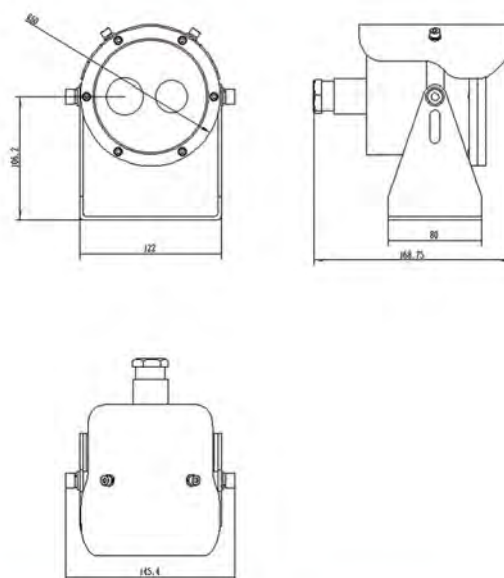


The M-EX-FLXXXIR01 is a Small Fixed Bullet Camera Certified according to DNV type approval, Thanks to its 1/2.8" CMOS sensor it offers excellent image quality and an improved light sensitivity and colour rendering.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
IR Range	30m
Surface	Powder coating
Resolution	2MP,4MP etc
Focal Length	2.8mm/4mm
Image Sensor	1/2.8" Progressive Scan CMOS
Min.illumination	Color:0.001lux@(F1.7,AGC ON); B/W:0.0005lux@(F1.6,AGC ON)
CCTV add-on	WDR ,HLC,illegal login ,motion detection line crossing detection ,intrusion detection etc
Voltage	DC12V/POE power optional
Weight	≤3kg
Certificates	DNV TA/ATEX/CE/FCC
Ex Mark	Ex II 2G Ex db op is IIC T6 Gb II 2D Ex tb op is IIIC T80°C Db IP68 IP66

DIMENSIONS



OPTIONAL ACCESSORIES



B001DT
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

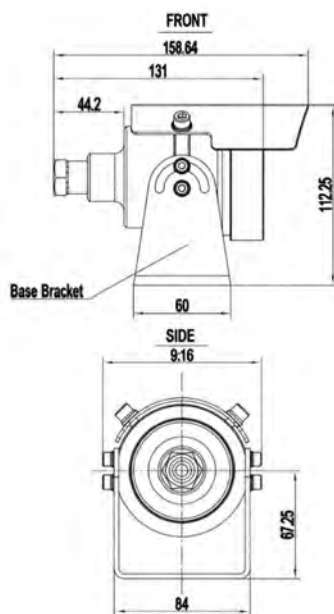
Marine Grade Anti-Corrosion Fixed Mini IR Camera



The M-EX-FLXXXIR03 is a Fixed Mini IR Camera Certified according to DNV type approval ,Thanks to its 1/2.8" CMOS sensor it offers excellent image quality and an improved light sensitivity and colour rendering.



DIMENSIONS



OPTIONAL ACCESSORIES



B001T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
IR Range	15m
Surface	Powder coating
Resolution	2MP,4MP etc
Focal Length	2.8mm,4mm etc
Image Sensor	1/2.8" Progressive Scan CMOS
Min.illumination	Color:0.001lux@(F1.7,AGC ON); B/W:0.0005lux@(F1.6,AGC ON)
CCTV add-on	WDR ,HLC,illegal login ,motion detection line crossing detection ,intrusion detection etc
Voltage	DC12V/POE power optional
Weight	≤1.65kg
Certificates	DNV TA/ATEX/CE/FCC
Ex Mark	Ex II 2G Ex db op is IIC T6 Gb II 2D Ex tb op is IIIC T80°C Db IP68 IP66



Marine Grade Anti-Corrosion Mini PTZ IR Dome Camera

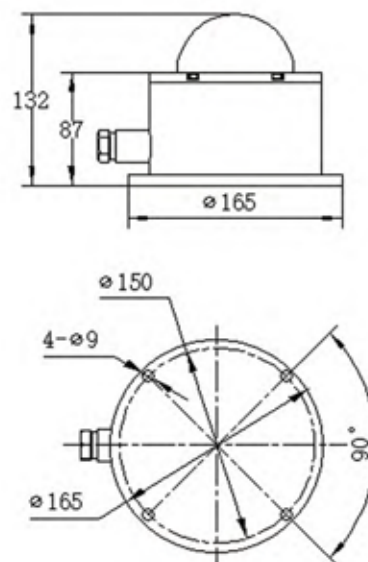


The Q-EX-PTZXXXIR04 is a Mini PTZ IR Dome Camera Certified according to DNV type approval, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to 0°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted,Ceiling Mounted
IR Range	40m
Surface	Powder coating
Pan/Tilt	Remote operated
Rotation Angle	Vertical:0-90°;Horizontal:0-355°
Resolution	2MP,4MP etc
Zoom	5x,12x
Image Sensor	1/2.8"Progressive Scan CMOS
Min.illumination	Color:0.05lux@(F1.2,AGC ON); B/W:0lux with IR
CCTV add-on	Anti-Flicker ,heartbeat,mirror ,privacy mask etc
Voltage	DC12V/POE power optional
Weight	≤3.5kg
Certificates	DNV TA/ATEX/CE/FCC
Ex Mark	Ex II 2G Ex db op is IIC T6 Gb II 2D Ex tb op is IIIC T80°C Db IP68 IP66

DIMENSIONS



OPTIONAL ACCESSORIES



B003T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

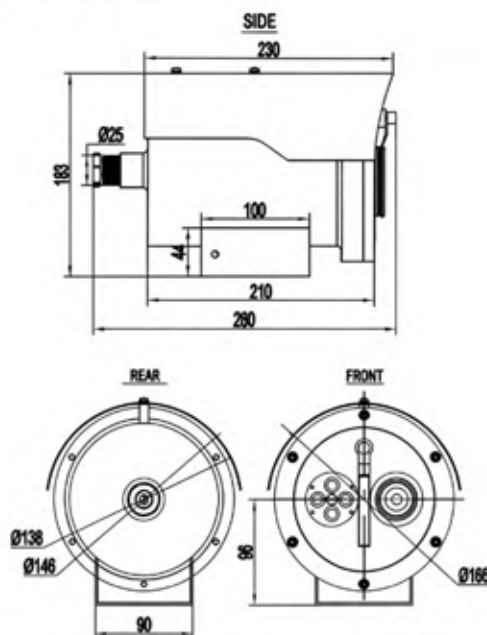
Marine Grade Anti-Corrosion Zoom IR Camera with Wiper



The W-EX-VLXXXIRW02 is a Zoom IR Camera Certified according to DNV type approval, Thanks to its 1/1.8" or 1/2.8" CMOS sensor it offers excellent image quality and an improved light sensitivity and colour rendering.



DIMENSIONS



OPTIONAL ACCESSORIES



B004T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
IR Range	60m
Surface	Powder coating
Resolution	2MP/4MP etc
Zoom	4x/10x etc optical zoom
Image Sensor	1/1.8" or 1/2.8" Progressive Scan CMOS
Min.illumination	Color:0.005lux@(F1.6,AGC ON); B/W:0.0005 Lux @ (F1.6, AGC ON)
CCTV add-on	Motion Detcetion,Mask Alarm, IP address conflice etc
Voltage	DC12V/POE power optional
Weight	≤1.65kg
Certificates	DNV TA/ATEX/CE/FCC
Ex Mark	Ex II 2G Ex db op is IIC T6 Gb II 2D Ex tb op is IIIC T80°C Db IP68 IP66



Y-EX-PTZXXXXIRW02

Marine Grade Anti-Corrosion PTZ IR Camera

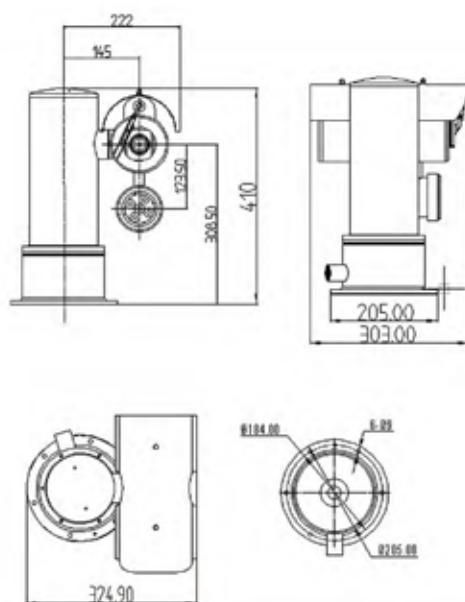


The Y-EX-PTZXXXXIRW02 is a PTZ IR Camera Certified according to DNV type approval, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted,Column Installation
IR Range	100-150m(300m optional)
Surface	Powder coating or electric polishing
Pan/Tilt	Remote operated
Rotation Angle	Vertical:±90°;Horizontal:360°
Resolution	2MP,4MP,8MP etc
Zoom	20x,30x,44x etc
Image Sensor	1/2.7"Progressive Scan CMOS
Min.illumination	Color:0.003lux@(F1.65,AGC ON); B/W:0.002 lux@(F1.65,AGC ON)
CCTV add-on	WDR ,HLC,illegal login ,motion detection line crossing detection ,intrusion detection etc
Voltage	AC100-240V
Weight	≤21kg
Certificates	DNV TA/ATEX/CE/FCC
Ex Mark	Ex II 2G Ex db op is IIC T6 Gb II 2D Ex tb op is IIIC T80°C Db IP68 IP66

DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J004
Anti-Corrosion
Junction Box

Network Video Recorder



The NVR** series is a Network Video Recorder Certified according to DNV type approval, It is applicable to CCTV systems, The Network Video Recorder can ensure smooth transmission across multiple device models and use an internal system to display the screens of multiple devices on a single monitor.

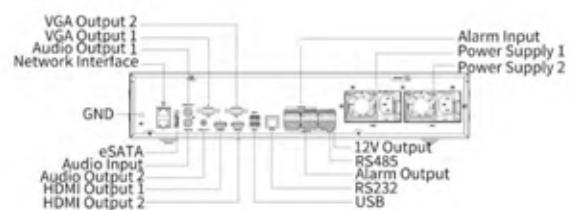
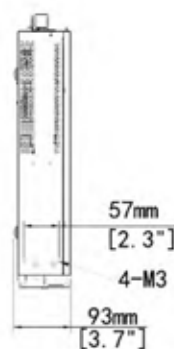
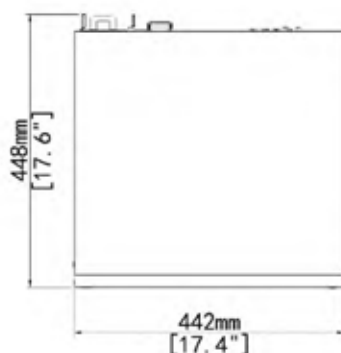


NVR**

MAIN FEATURES

IP Video Input	32-ch /64-ch /128-ch	FTP/Schedule	
Audio Compression	G.711A,G.711U	/Event Snapshot	16-ch snapshot, up to 1080P resolution
Outgoing Bandwidth	384Mbps	Decoding Format	Ultra 265, H.265, H.264
Remote Users	128	SATA	8 SATA interfaces
Protocols	TCP/IP,P2P,UPnP,NTP,DHCP,PPPoE, HTTP,HTTPS,DNS,DDNS,SNMP,SMTP ,NFS,RTSP,802.1x,IPV6	Temp.range min	-10°C
	VGA: 1920x1080p/60Hz, 1920x1080p /50Hz, 1600x1200/60Hz, 1280x1024/60 Hz, 1280x720/60Hz, 1024x768/60Hz	Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP /4MP/3MP/1080P/960P/720P/D1 /2CIF/CIF
	HDMI1/HDMI2 (HDMI audio output is not supported): 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz,	Alarm In	16-ch
HDMI/VGA Output	1280x720/60Hz, 1024x768/60Hz	Alarm Out	10-ch
		Power Supply	100 ~ 240V AC Power Consumption: ≤ 50 W (without HDD)
		Certificates	DNV/CCS/CE/FCC/ROHS/UL/WEEE
		Net Weight	≤6kg

DIMENSIONS





24-Port Gigabit Managed Ethernet POE Switch

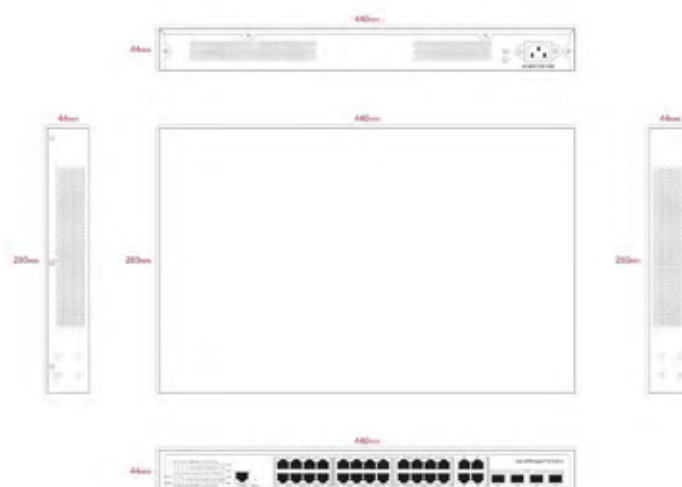


The PS24 is a POE Switch Certified according to DNV type approval, It is applicable to CCTV systems, The POE switch ensures stable data transmission and the output of POE power supply.

MAIN FEATURES

Interface	24*1G POE ports;4*1G Combo ports; 1*Console port	DHCP	DHCP Server;IP Pool;Static Binding; Port Static Binding;DHCP Relay
Bandwidth	56Gbps	Surge Protection	Port Surge: Common mode 6KV, differential mode 2KV;Electrostatic ESD: Air 4KV, Contact 2KV
Machine Power	440W	Dos	Support
PoE Port Output Voltage	DC44-57V	Poe Standard	IEEE802.3af 15.4W, IEEE802.3at 30W
POE Ports	Ports 1-24 PoE power output <30W	Qos;	Traffic classification based, Strict priority and WRR;Port Priority;802.1P Priority; IP TOS Priority;IP DSCP Priority
Power supply	AC 100-240V 50/60Hz;DC 52V 7.69A	Certificates	DNV/CCS/CE/FCC/ROHS
Operational Areas	Outdoor	Net Weight	≤3.65kg
Storage Temperature	-40 °C to 55 °C		
Operating Temperature	0~40°C		
Port Isolation	Support		

DIMENSIONS



Work Station



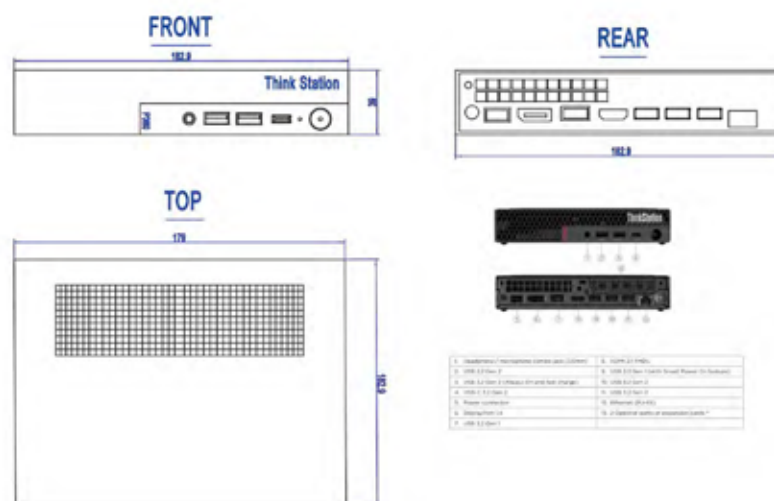
The Work Station is Certified according to DNV type approval ,It is applicable to CCTV systems, The computer supports high computing power operations, making it suitable for various application scenarios. It is lightweight and easy to carry.



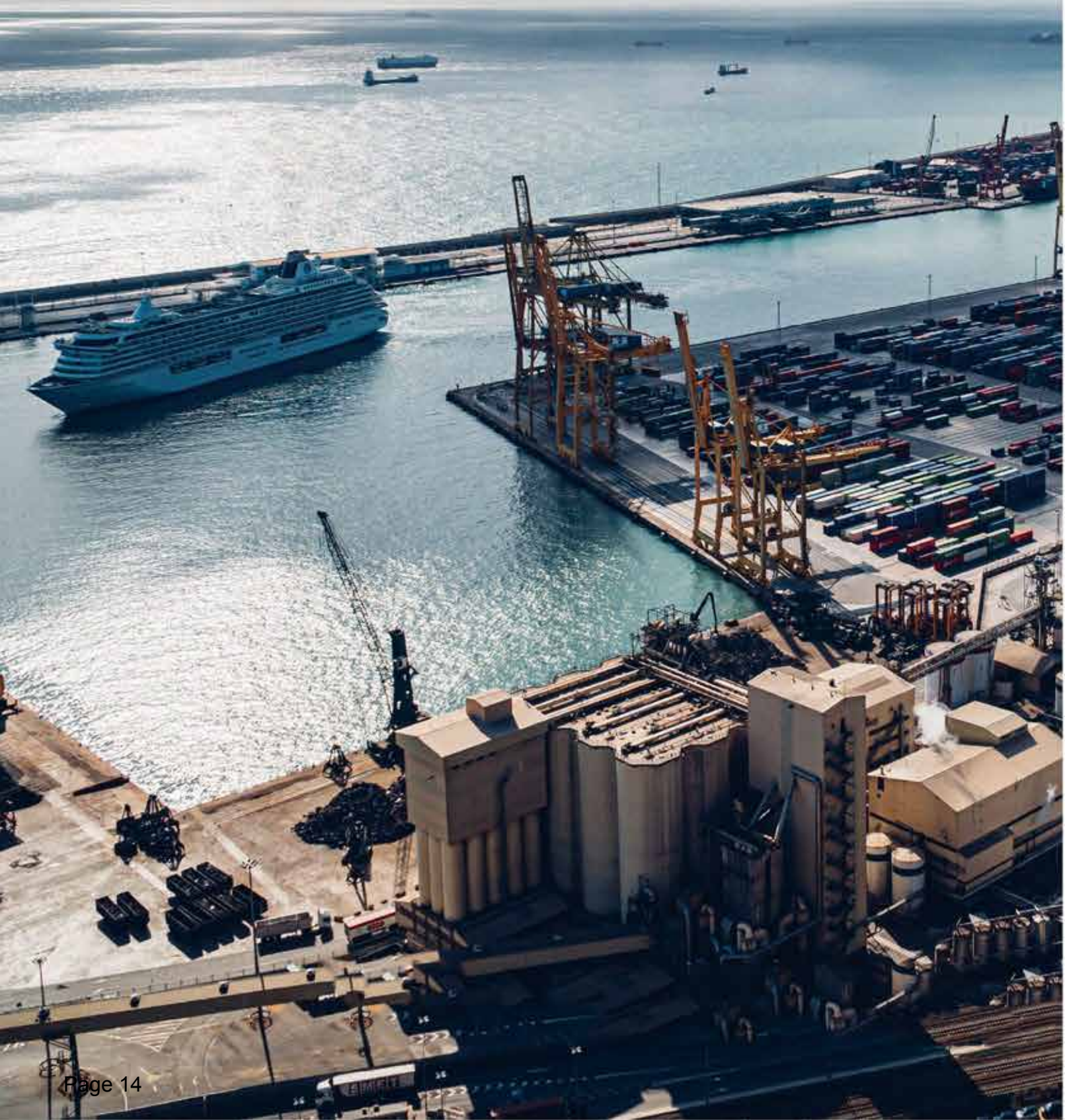
MAIN FEATURES

Pre installed		Operational Areas	Indoor
OS version	Windows 11 / Windows 10		
Pre installed		Operating temperature	-10 to +55°C
OS language	W11/W10 Pro64 English		
CPU	Core i5 minimum	Working humidity	5% to 90% RH (no condensation)
Memory	16GB minimum	Power Supply	100V-240V
Hard Disk	256GB minimum		
Platform	Tiny Q670/Q870 WW	Mounting	Wall mounted or Desktop
Lan	Integrated LAN	Dimensions	179×182.9×37mm with rubber fee
Speaker	Support	Certificates	DNV/CCS/CE/FCC/ROHS
WIFI	Support		
Adapter	170W 89% Adapter	Net Weight	≤1.4kg

DIMENSIONS



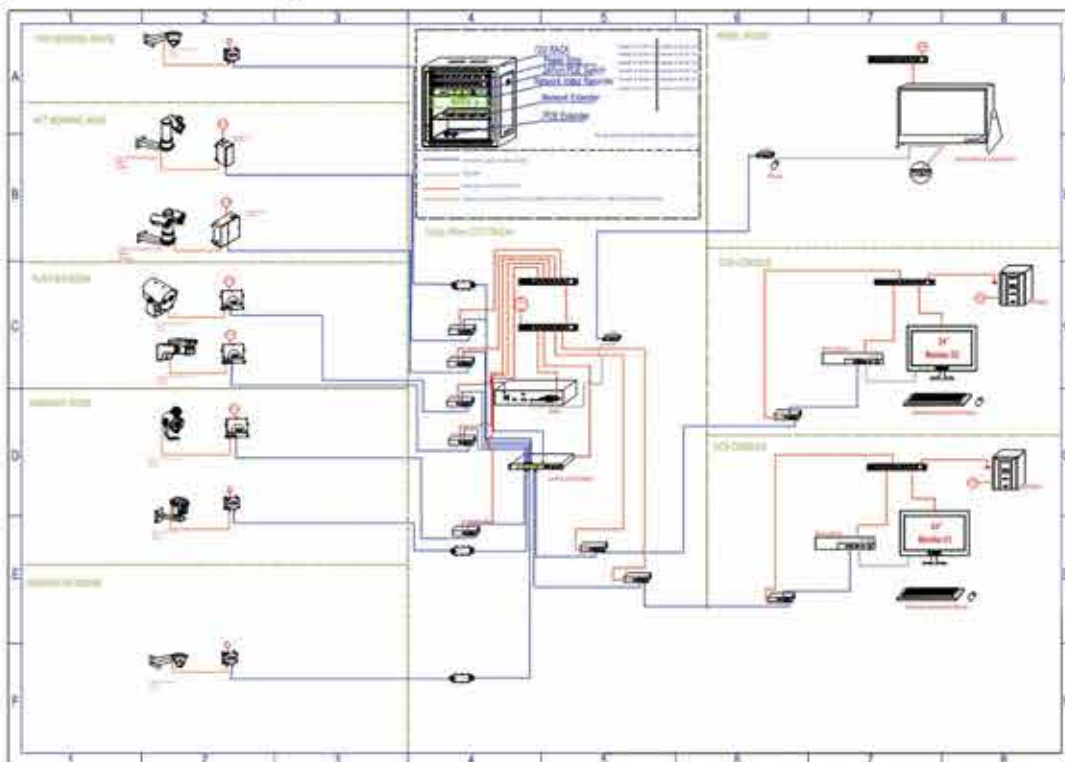
CCS Type Approval CCTV System



Product Catalog

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CCTV System Diagram





MC300

Marine Fixed Bullet Camera

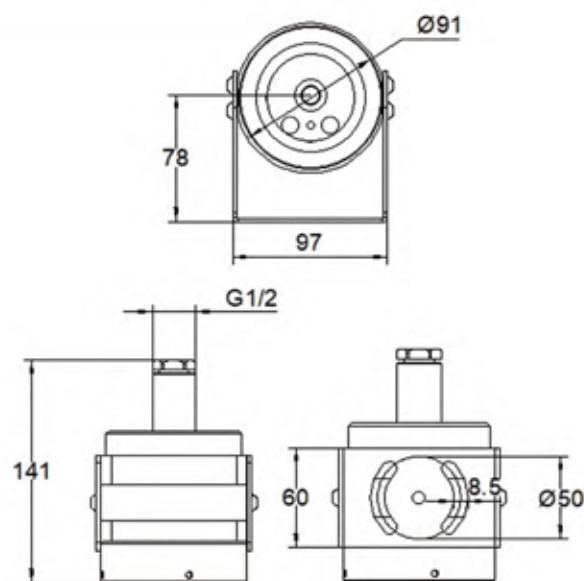


The MC300 is a Small Fixed Bullet Camera Certified according to CCS type approval and EN62676, EN60945. Thanks to its 1/2.8" CMOS sensor it offers excellent image quality and an improved light sensitivity and colour rendering.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounting
Surface	Powder coating
IR Range	15m
Field of View	120°/90°
Resolution	2MP, 4MP, 8MP etc
Focal Length	2.8mm/4mm
Image Sensor	1/2.8" Progressive Scan CMOS
Min.illumination	Color: 0.001lux@(F1.7, AGC ON); B/W: 0.005lux@(F1.5, AGC ON)
Functions	Anti-Flicker, heartbeat, password protection, Privacy mask, watermark
Voltage	DC12V/POE power optional
Weight	≤2.4kg
Dimensions(L*W*H)	141*104*124mm
Certificates	CCS Type Approval; BS EN62676-1 -1-2014, CE-EN60945

DIMENSIONS



OPTIONAL ACCESSORIES



B001T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

Marine PTZ Dome Camera

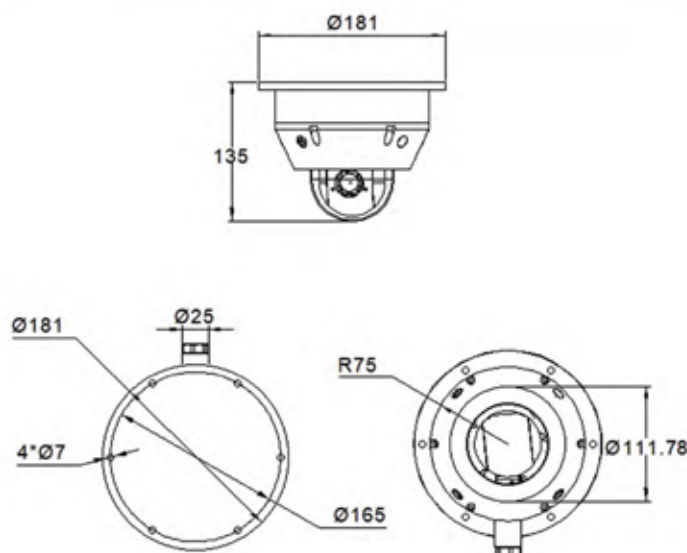


The MC500 is a PTZ Dome Camera Certified according to CCS type approval and EN62676,EN60945,The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to 0°.



MC500

DIMENSIONS



OPTIONAL ACCESSORIES



B003TN
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted,ceiling installation
Surface	Powder coating
IR Range	20m
Field of View	H:100.5°-32.6°,V:52.8°-18.3°, D:120.2°-37.5°
Resolution	2MP,4MP etc
Focal Length	2.8-12mm,4x Optical zoom
Image Sensor	1/2.8"Progressive Scan CMOS
Min.illumination	Color:0.005lux@(F1.5,AGC ON); B/W:0.001lux@(F1.5,AGC ON)
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤4kg
Dimensions(L*W*H)	182*182*135mm
Certificates	CCS Type Approval;BS EN62676-1 -1-2014,CE-EN60945



MC600

Marine PTZ Mini Dome Camera

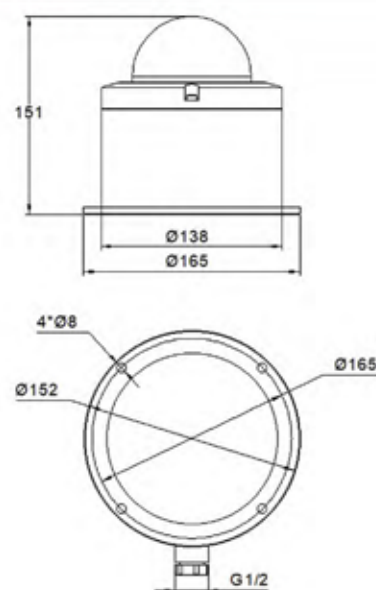


The MC600 is a PTZ Mini Dome Camera Certified according to CCS type approval and EN62676, EN60945. The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to 0°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Ceiling
Surface	Powder coating
IR Range	40m
Resolution	2MP, 4MP, 8MP etc
Zoom	1x/4x/5x/10x/12x etc
Image Sensor	1/3" CMOS Sensor
Min.illumination	Color: 0.005lux@ (F1.2, AGC ON); 0lux with IR
Functions	Anti-Flicker, heartbeat, password protection, Privacy mask, watermark
Voltage	DC12V/POE power optional
Weight	≤4.1kg
Dimensions(L*W*H)	165*165*145.75mm
Certificates	CCS Type Approval; BS EN62676-1 -1-2014, CE-EN60945

DIMENSIONS



OPTIONAL ACCESSORIES



B003TN
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

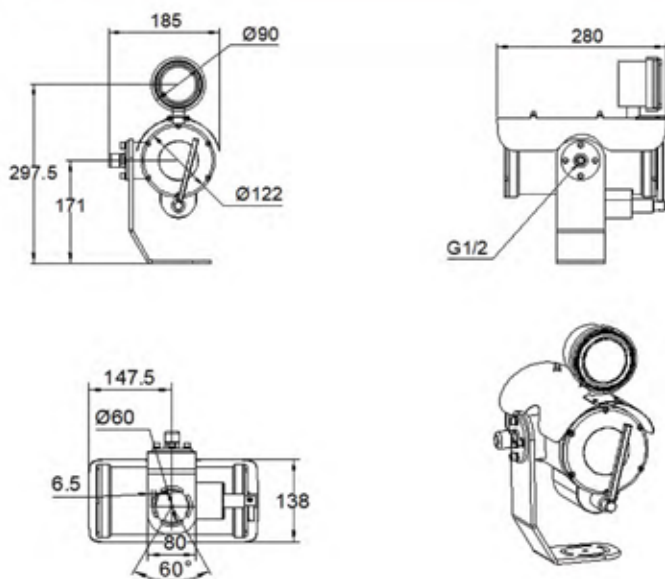
Marine Bullet IR IP Camera with Wiper



The MC800 is a Bullet Camera Certified according to CCS type approval and EN62676, EN60945. The special bracket structure allows this camera to be fixed and rotated at multiple angles.



DIMENSIONS



OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating
IR Range	100m(300m optional)
Shutter	Automatic/manual, 1-1/100000s
Resolution	2MP,4MP,8MP etc
Zoom	4X/18X/22X/33X etc
Image Sensor	1/2.8" or 1/1.8" Progressive Scan CMOS
Min.illumination	Color:0.001lux@(F1.6,AGC ON); B/W:0.0005lux@(F1.6,AGC ON)
Functions	Motion detection,occlusion detection sound,alarm input and alarm output
Voltage	DC12V/POE+/AC100-240V power optional
Weight	≤8.8kg
Dimensions(L*W*H)	300*185*343mm
Certificates	CCS Type Approval;BS EN62676-1 -1-2014,CE-EN60945
Optional Function	IR / Wiper / Thermal



Marine PTZ IR Camera with Wiper

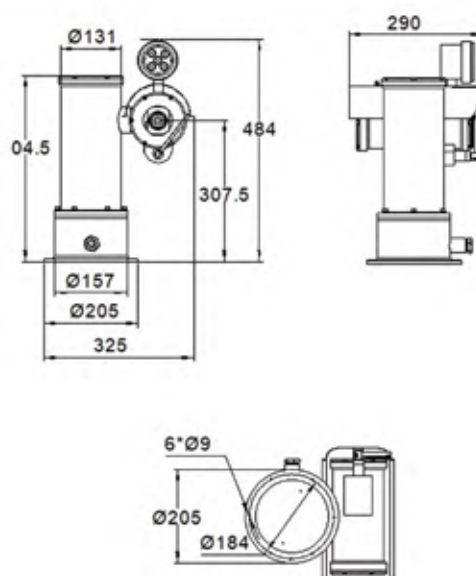


The MC900 is a PTZ IR Camera Certified according to CCS type approval and EN62676, EN60945. The all-round rotation structure allows this camera to observe in multiple directions without dead ends, and the included infrared light and wiper part allow this camera to achieve effective observation at any time.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, column installation
Surface	Powder coating
IR Range	100-150m (300m laser optional)
Resolution	2MP, 4MP, 8MP etc
Zoom	22X/33X/37X etc
Image Sensor	1/1.8" or 1/2.8" progressive CMOS image sensor
Min. illumination	Color: 0.0005lux@ (F1.5, AGC ON); B/W: 0.0001lux (F1.5, AGC ON,)
Functions	Motion detection, occlusion detection sound, alarm input and alarm output
Voltage	DC24-36V/POE++/AC110V-240V /AC30V power optional
Weight	≤22kg
Dimensions (L*W*H)	325*290*484mm
Certificates	CCS Type Approval; BS EN62676-1 -1-2014, CE-EN60945
Optional Function	IR / Wiper / Laser

DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J004
Anti-Corrosion
Junction Box

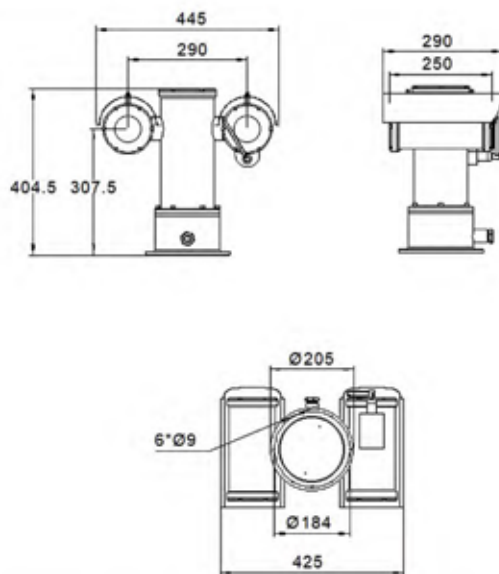
Marine PTZ IR Camera with Wiper



The MC901 is a PTZ IR Camera Certified according to CCS type approval and EN62676, EN60945. The all-round rotation structure allows this camera to observe in multiple directions without dead ends, and the included infrared light and wiper part allow this camera to achieve effective observation at any time.



DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J004
Anti-Corrosion
Junction Box

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, column Installation
Surface	Powder coating
IR Range	100-150m(300m/500/1km etc Laser optional)
Resolution	2MP, 4MP, 8MP etc
Zoom	22X/33X/37X etc
Image Sensor	1/1.8" or 1/2.8" progressive CMOS image Sensor
Min.illumination	Color: 0.0005lux@(F1.5, AGC ON); B/W: 0.0001lux(F1.5, AGC ON,)
Functions	Motion detection, occlusion detection sound, alarm input and alarm output
Voltage	DC24-36V/POE++/AC110V-240V /AC30V power optional
Weight	≤22kg
Dimensions(L*W*H)	325*290*484mm
Certificates	CCS Type Approval; BS EN62676-1 -1-2014, CE-EN60945
Optional Function	IR / Wiper / Thermal / Laser



Marine PTZ Dual Light Camera with Wiper

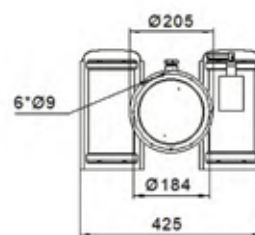
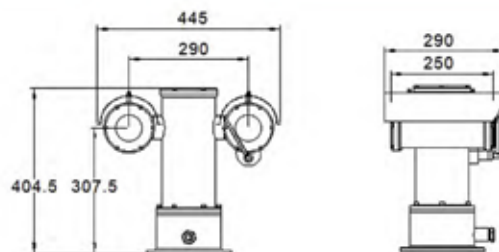


The MC901(T) is a PTZ IR Camera Certified according to CCS type approval and EN62676, EN60945. The all-round rotation structure allows this camera to observe in multiple directions without dead ends, and the included infrared light and wiper part allow this camera to achieve effective observation at any time.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, column Installation
Surface	Powder coating
IR Range	100-150m
Resolution	2MP, 4MP, 8MP etc
Zoom	22X/33X/37X etc
Optional matching scheme	Visible Lens + Observation-type Thermal / Visible Lens + Temperature Measurement-Type Thermal
Temperature measurement range	-20°C ~ +550°C / -20°C ~ +650°C / 0°C ~ +2000°C etc
Thermal Resolution	256*192/384*288/640*512 / 1280*1024 etc 4.1mm/6.9mm/7.8mm/13mm/19mm / 25mm/35mm/50mm etc
Thermal Lens	DC24-36V/POE++/AC110V-240V / AC30V power optional
Voltage	
Weight	≤22kg
Dimensions(L*W*H)	325*290*484mm
Certificates	CCS Type Approval; BS EN62676-1 -1-2014, CE-EN60945

DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J004
Anti-Corrosion
Junction Box

Marine Dual-Spectrum Bullet Camera

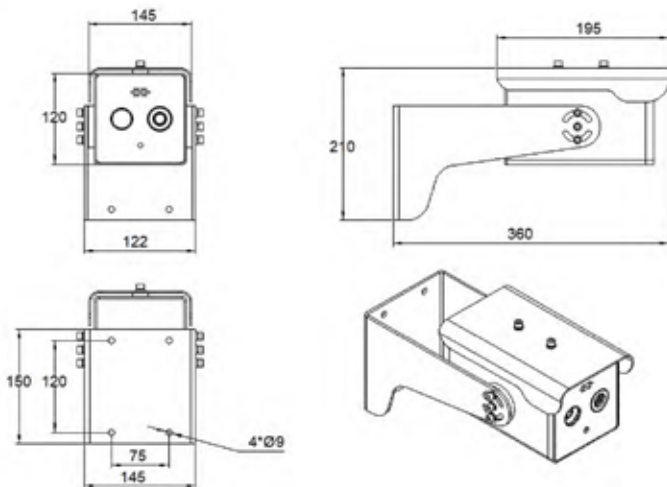


The MC465T02 is a Dual-Spectrum Dome Camera Certified according to CCS type approval and EN62676, EN60945. The special bracket structure allows this camera to be fixed and rotated at multiple angles. The thermal imaging core enables it to observe changes in the temperature of objects.



MC465T02

DIMENSIONS



MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating
Thermal Resolution	640*512
Thermal Focal Length	13mm
Visible Resolution	4MP
Visible Focal Length	6mm
Image Sensor	1/2.8" progressive Scan CMOS
FOV	65°x50°
Functions	Motion detection, occlusion detection sound, alarm input and alarm output
Voltage	DC12V/POE power optional
Weight	≤7kg
Dimensions(L*W*H)	360*145*210mm
Certificates	CCS Type Approval

OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector



Marine Dual-Spectrum Bullet Camera

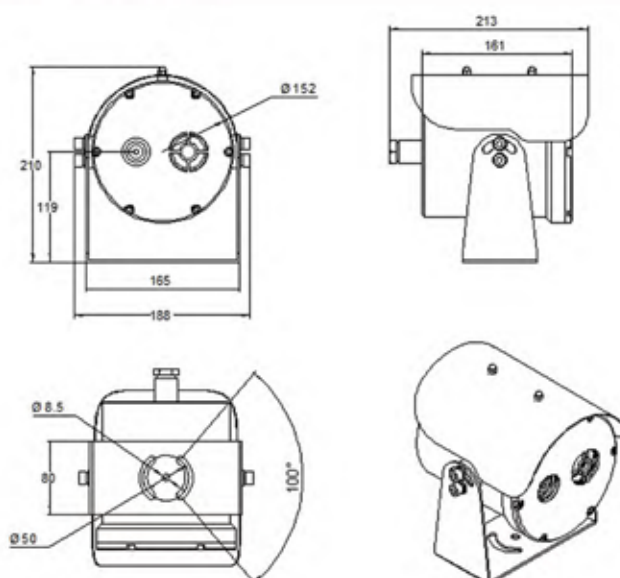


The MC466T is a Dual-Spectrum Dome Camera Certified according to CCS type approval and EN62676, EN60945. The special bracket structure allows this camera to be fixed and rotated at multiple angles. The thermal imaging core enables it to observe changes in the temperature of objects.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating
Thermal Resolution	640*512
Thermal Focal Length	35mm
Visible Resolution	8MP
Visible Focal Length	4.8~48mm, 10x Zoom
Image Sensor	1/2.8" progressive Scan CMOS
FOV	65°x50°
Functions	Motion detection, occlusion detection sound, alarm input and alarm output
Voltage	DC12V power supply
Weight	≤5kg
Dimensions(L*W*H)	188*213*210mm
Certificates	CCS Type Approval

DIMENSIONS



OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

5L Washer Tank System

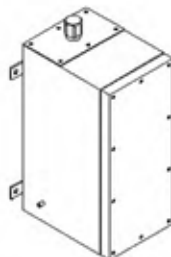
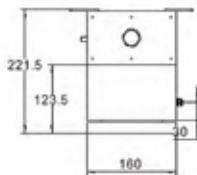
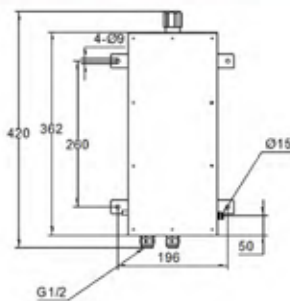


The WT005 is a Washer Tank System Certified according to CCS type approval and ECM Atex approval, It is applicable to camera systems equipped with wipers, ensuring clear imaging of the camera lens under various humid conditions.



WT005

DIMENSIONS



OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



Anti-Corrosion
Sprinkler bracket



PST001
Stainless Steel
Spray Nozzle

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66/IP67
Temp.range min	-10°C
Temp.range max	+70°C
Surface Treatment	Anti-Corrosion Powder Coating
Washer tank capacity	5L
Deliver Head	10m
Tube Length	5m
Electrical Safety	EN60950-1, EN62368-1
Outdoor Safety	EN60950-22
Third-party products	Support
Cable Glands	3*G1/2
Designed for	Camera with wiper
Built in	Air Switch, power adapter, water pump solenoid valve, signal control board etc
Functions	Supply power for camera and water pump to control water pump to spray water
Voltage	AC100-240V
Weight	≤5kg
Dimensions(L*W*H)	398*192*170mm
Certificates	CCS Type Approval /ECM Atex



KDWT012

12L Washer Tank System

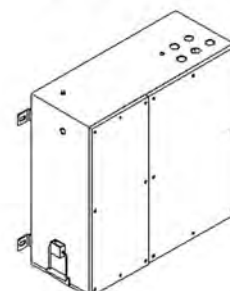
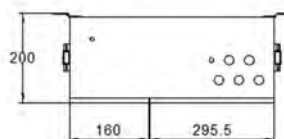
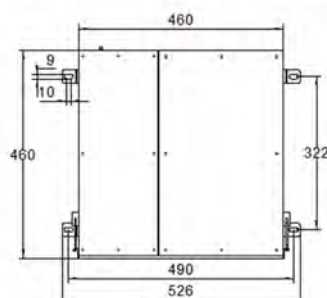


The KDWT012 is a Washer Tank System Certified according to CCS type approval and ECM Atex approval. It is applicable to camera systems equipped with wipers, ensuring clear imaging of the camera lens under various humid conditions.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66/IP67
Temp.range min	-10°C
Temp.range max	+70°C
Surface Treatment	Anti-Corrosion Powder Coating
Washer tank capacity	12L
Delivery Head	5m/10m/15m/20m etc optional
Tube Length	5m/10m/15m/20m etc optional
Electrical Safety	EN60950-1, EN62368-1
Outdoor Safety	EN60950-22
Third-party products	Support
Cable Glands	5*G1/2
Designed for	Camera with wiper
Built in	Air circuit breaker, power adapter, water pump solenoid valve, signal control board etc
Functions	Supply power for camera and water pump to control water pump to spray water
Voltage	AC100-240V
Weight	≤20kg
Dimensions(L*W*H)	500*468*200mm
Certificates	CCS Type Approval / ECM Atex

DIMENSIONS



OPTIONAL ACCESSORIES



KDR-1500
Rubber Flexible Hose



KDSR-1500
Stainless Steel
Flexible Hose



Anti-Corrosion
Sprinkler bracket



KD-PST001
Stainless Steel
Spray Nozzle

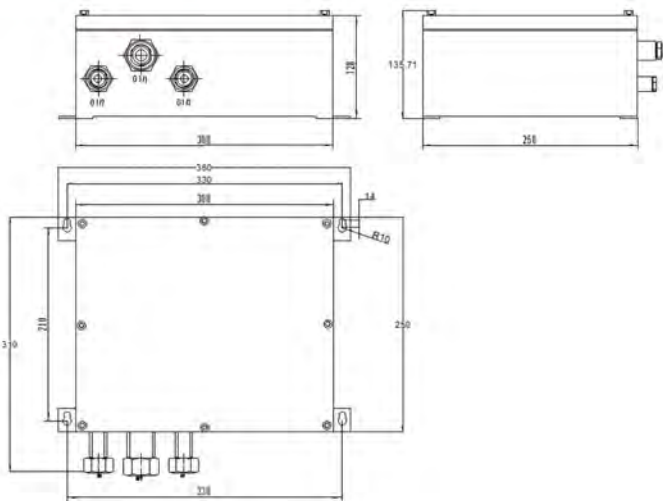
SS316L Explosion Proof Junction Box



The KDJ004 is a Junction Box Certified according to CCS type approval and ECM Atex approval,It is applicable to CCTV systems, The junction box can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.



DIMENSIONS



MAIN FEATURES

Material	Stainless Steel 316L
Protction Class	IP66
Temp.range min	-40℃
Temp.range max	+70℃
Cable Entry	G1/2
Cable Outlet	G3/4
Weight	≤4.3kg
Dimensions(L*W*H)	136*310*360mm
Certificates	CCS Type Approval /ECM Atex
Hazardous Area	Zone 1,Zone 2,Zone 21,and Zone22

OPTIONAL ACCESSORIES



KDR-1500
Rubber Flexible Hose



KDSR-1500
Stainless Steel
Flexible Hose



RT28N-32X
Air Circuit Breaker



KD-NX09
Network Extender



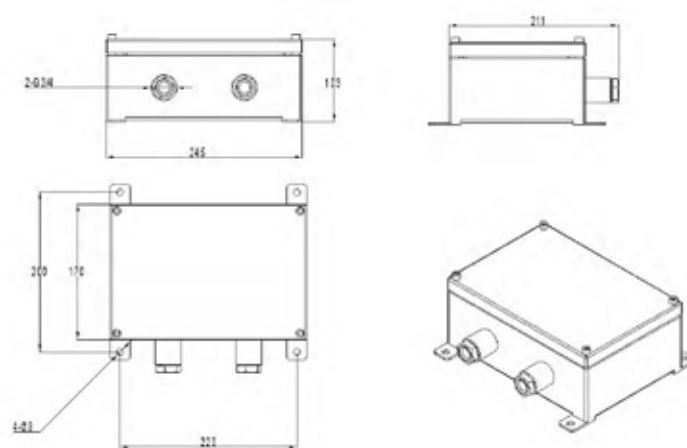
SS316L Anti-Corrosion Junction Box



The J008 is a Junction Box Certified according to CCS type approval and ECM Atex approval, It is applicable to CCTV systems, The junction box can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Cable Entry	G3/4
Cable Outlet	G3/4
Weight	≤2.7kg
Dimensions(L*W*H)	103*200*220mm
Certificates	CCS/ECM Atex
Hazardous Area	Zone 1,Zone 2,Zone 21,and Zone22



OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



WPE08-SV/IPC
POE Extender

PoE Switch



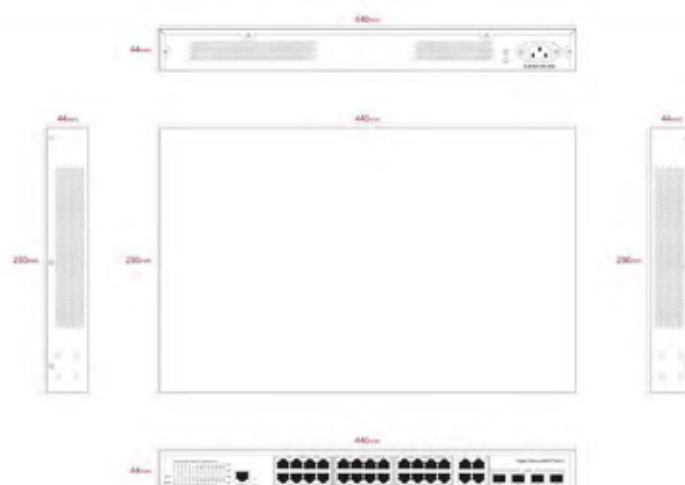
The POE Switch Certified according to CCS type approval and DNV type approval ,It is applicable to CCTV systems, The PoE Switch can ensure smooth transmission across multiple device models and use an internal system to display the screens of multiple devices on a single monitor.



MAIN FEATURES

Interface	24*1G POE ports;4*1G Combo ports; 1*Console port	DHCP	DHCP Server;IP Pool;Static Binding; Port Static Binding;DHCP Relay
Bandwidth	56Gbps	Surge Protection	Port Surge: Common mode 6KV, differential mode 2KV;Electrostatic ESD: Air 4KV, Contact 2KV
Machine Power	440W	Dos	Support
PoE Port Output Voltage	DC44-57V	Poe Standard	IEEE802.3af 15.4W, IEEE802.3at 30W
POE Ports	Ports 1-24 PoE power output <30W	Qos;	Traffic classification based, Strict priority and WRR;Port Priority;802.1P Priority; IP TOS Priority;IP DSCP Priority
Power supply	AC 100-240V 50/60Hz;DC 52V 7.69A	Certificates	DNV/CCS/CE/FCC/ROHS
Operational Areas	Outdoor	Net Weight	≤3.65kg
Storage Temperature	-40 °C to 55 °C		
Operating Temperature	0~55°C		
Port Isolation	Support		

DIMENSIONS





Network Video Recorder

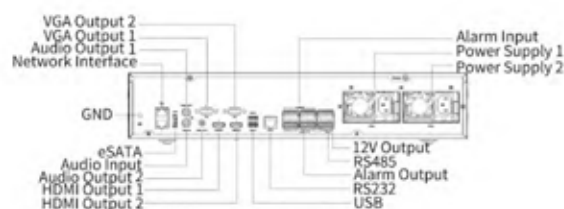
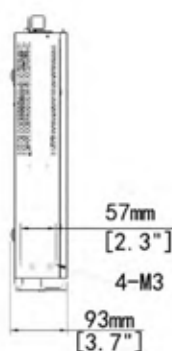
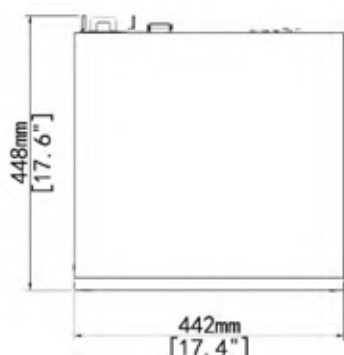


The Network Video Recorder Certified according to CCS type approval and DNV type approval, It is applicable to CCTV systems, The Network Video Recorder can ensure smooth transmission across multiple device models and use an internal system to display the screens of multiple devices on a single monitor.

MAIN FEATURES

IP Video Input	8-ch /16-ch /32-ch / 64-ch /128-ch	FTP/Schedule	
Audio Compression	G.711A,G.711U	/Event Snapshot	16-ch snapshot, up to 1080P resolution
Outgoing Bandwidth	384Mbps	Decoding Format	Ultra 265, H.265, H.264
Remote Users	128	SATA	8 SATA interfaces
Protocols	TCP/IP,P2P,UPnP,NTP,DHCP,PPPoE, HTTP,HTTPS,DNS,DDNS,SNMP,SMTP ,NFS,RTSP,802.1x,IPv6	Temp.range min	-10°C
	VGA: 1920x1080p/60Hz, 1920x1080p /50Hz, 1600x1200/60Hz, 1280x1024/60 Hz, 1280x720/60Hz, 1024x768/60Hz		32MP/16MP/12MP/8MP/6MP/5MP
	HDMI1/HDMI2 (HDMI audio output is not supported): 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz,	Recording Resolution	/4MP/3MP/1080P/960P/720P/D1 /2CIF/CIF
HDMI/VGA Output	1280x720/60Hz, 1024x768/60Hz	Alarm In	16-ch
		Alarm Out	10-ch
		Power Supply	100 ~ 240V AC Power Consumption: ≤ 50 W (without HDD)
		Certificates	DNV/CCS/CE/FCC/ROHS/UL/WEEE
		Net Weight	≤6kg

DIMENSIONS



Marine LCD Monitor



The Marine Monitor Certified according to CCS type approval, It is applicable to CCTV systems, The monitor can display images clearly, and its high-intensity structure ensures high stability. The base stand can be adjusted to multiple angles.

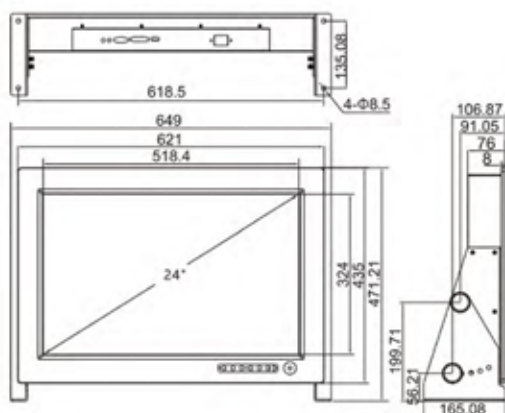


MAIN FEATURES

Resolution	1920*1080	Compatible Resolution	1920*1080;1920*1440;1680*1050 1366*768;1280*720 etc
Colors	16.7M	Menu Language	Chinese,English,German,Spanish,Italian Japanese,Korean,Portuguese,French, Brazilian
Brightness	1000 Cd/m2	Certificates	CCS Type Approval
Viewing Angel	Horizontal:170 degree, Vertical:160 degree		
Contrast Ratio	1000:1		
Video Input	VGA;DVI;HDMI		
Storage Temperature	-20°C to +60 °C		
Operating Temperature	-15°C to +55 °C		
Power Supply	AC100V/AC220V or DC24V		

DIMENSIONS

Counter Mounting



Flush Mounting





Work Station

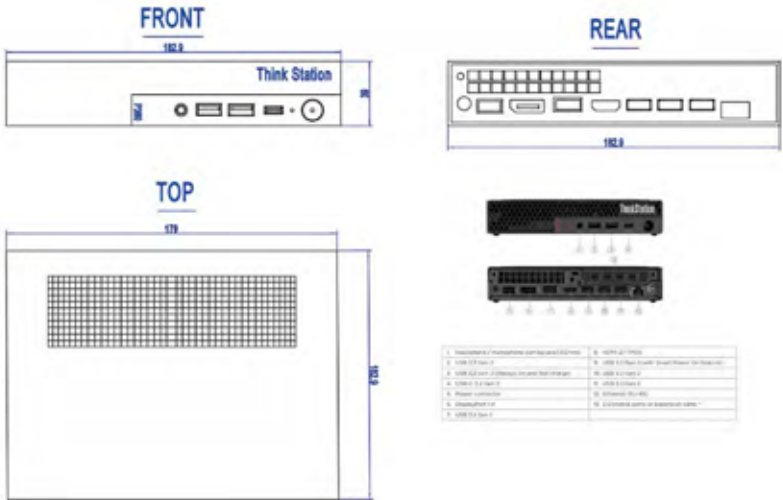


The Work Station Certified according to CCS type approval , It is applicable to CCTV systems, The computer supports high computing power operations, making it suitable for various application scenarios. It is lightweight and easy to carry.

MAIN FEATURES

Pre installed OS version	Windows 11 / Windows 10	Operational Areas	Indoor
Pre installed OS language	W11/W10 Pro64 English	Operating temperature	-10 to +55°C
CPU	Core i5 minimum	Working humidity	5% to 90% RH (no condensation)
Memory	16GB minimum	Power Supply	100V-240V
Hard Disk	256GB minimum	Mounting	Wall mounted or Desktop
Platform	Tiny Q670/Q870 WW	Dimensions	179×182.9×37mm with rubber fee
Lan	Integrated LAN	Certificates	DNV/CCS/CE/FCC/ROHS
Speaker	Support	Net Weight	≤1.4kg
WIFI	Support		
Adapter	170W 89% Adapter		

DIMENSIONS



Intelligent Edge Computing Server



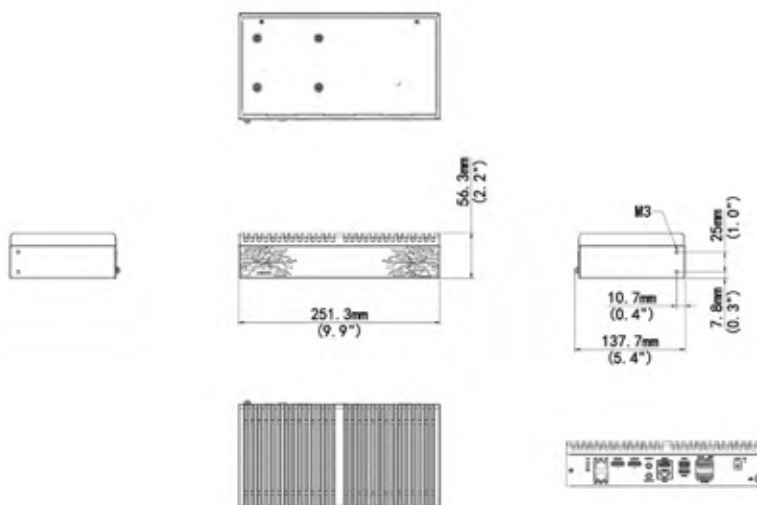
The Intelligent Edge Computing Server Certified according to CCS type approval, The device is integrated with video decoding, data transmission, data storage, and intelligent algorithms. It receives videos from network cameras, analyzes objects in the videos, and outputs an alarm upon detection of an abnormal behavior.



MAIN FEATURES

Face Detection	16-channel	Network Interface	2 x 10M/100M/1000M adaptive Ethernet interfaces (RJ45)
Face Library Capacity	128 face libraries, total 100,000 face images		
Work clothes library capacity	8 work clothes libraries, a single storage capacity of 50 images	External Interface	2 x USB2.0, 1 x USB3.0, 4-ch Alarm input 4-ch Alarm output, 1 x RS-485 (phoenix connector) Serial Interface
DDR RAM	8GB DDR4	Certificates	CCS Type Approval
Alarm image	Max 150,000 alarm images		
Alarm video	Max 150,000 alarm video clips		
Operating humidity	5% to 90% (non-condensing)		
Operating Temperature	-40°C to +70 °C		
Power Supply	DC12V(≤20W)		

DIMENSIONS



IECEX & ATEX Approval Explosion Proof Cameras

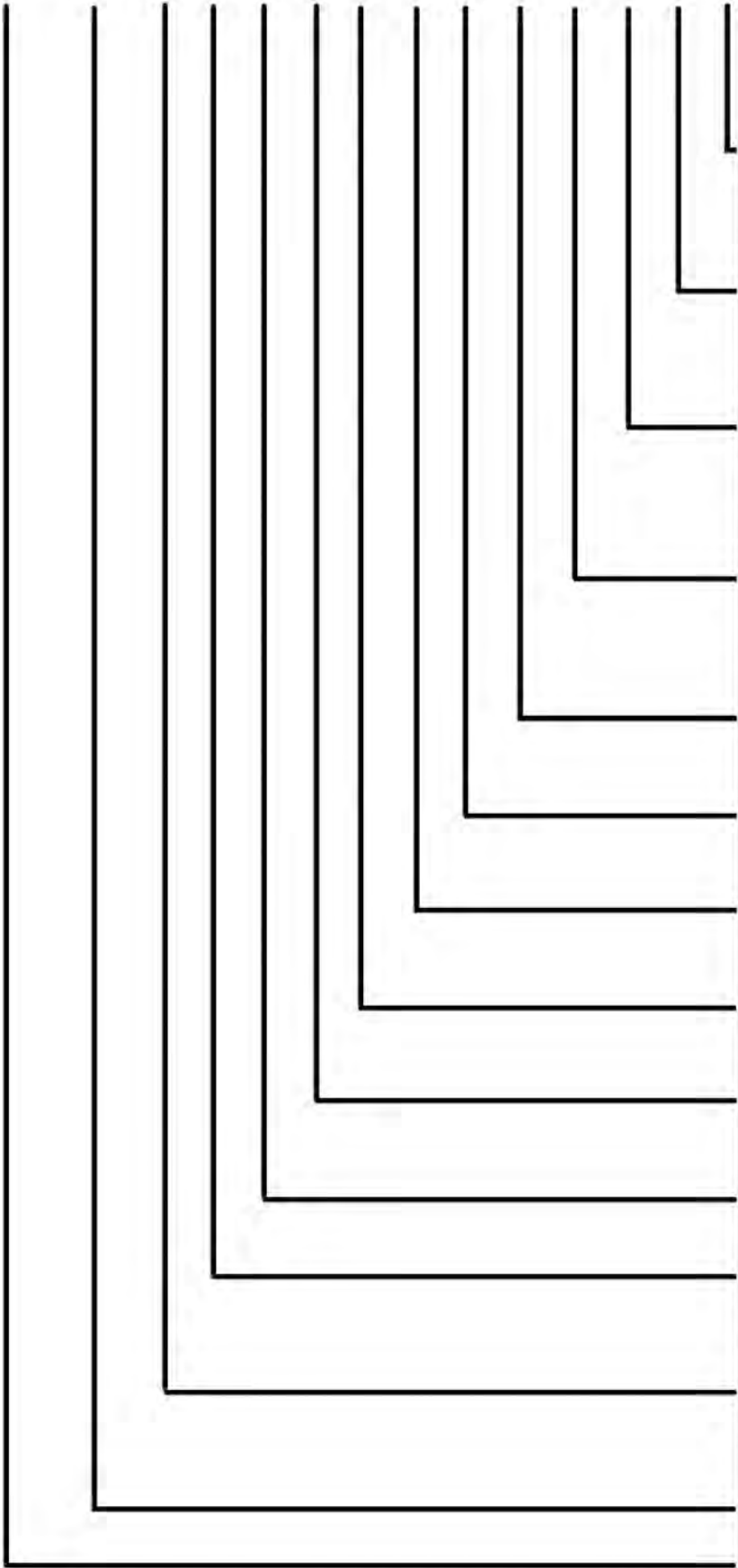


Product Catalog

C-EX-PTNVIE□□	38		C-EX-PTNBIE□□□□	39	
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Exd Type Explosion Proof Junction Box			Explosion Proof Flexible Connecting Pipe		

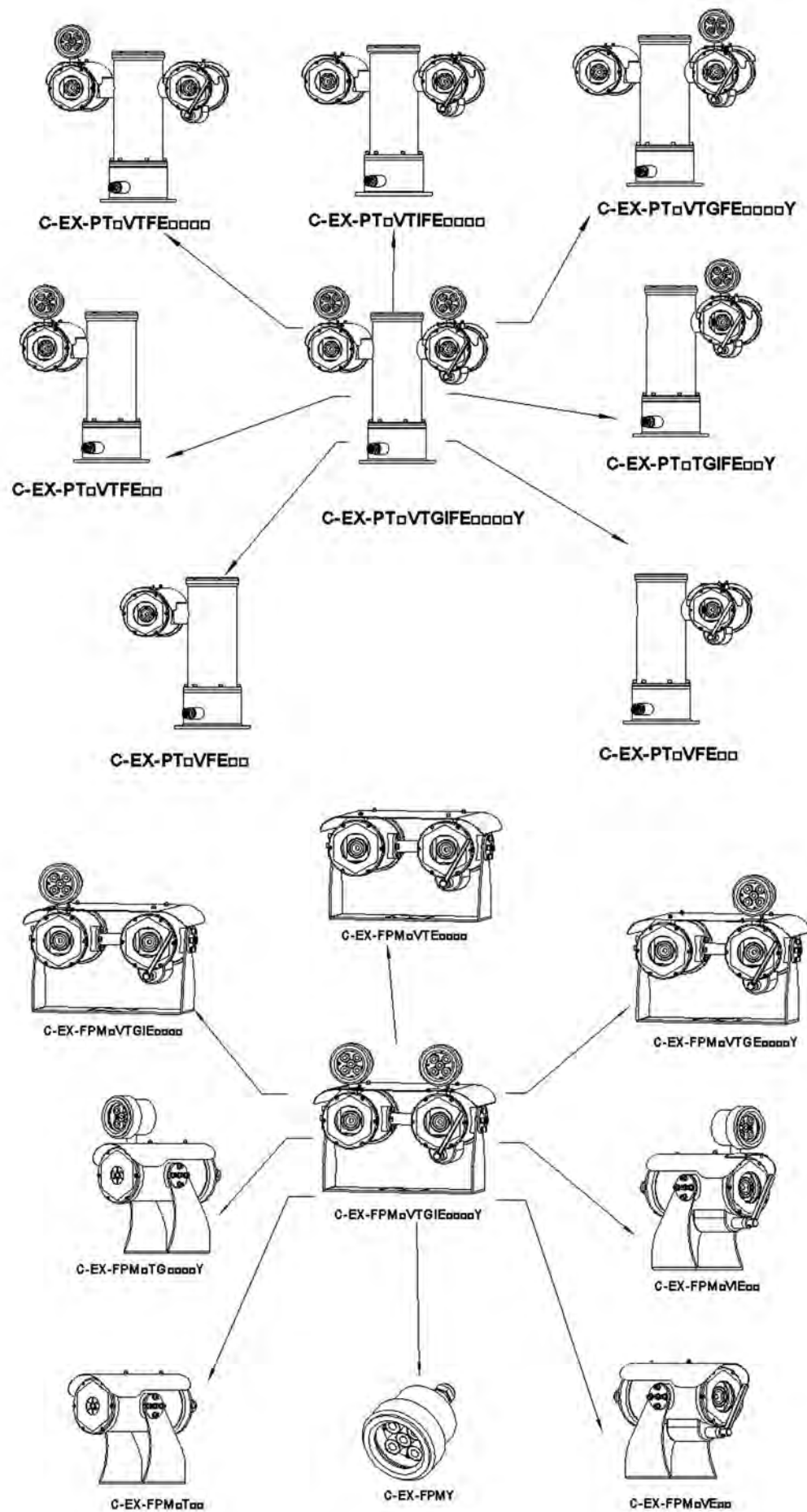
IECEX TYPE CAMERA MODEL NAMING CONVENTION

C-EX-□□□□□□□□□□□□□□



Y: represents the spare cavity
Blank: No spare cavity
d1-d100 (d present thermal zoom code , numbers represent different thermal zoom)
c1:384 thermal pixels ,c2:640 thermal pixels ,c3:1280 thermal pixels (c represent thermal camera code, numbers present different thermal pixels)
Blank :Without Thermal Camera
Optical Zoom b1x-b99x (b represent zoom code , 1x-99x represent different optical zoom)
Blank:Without Visible Camera
Visible Camera Resolution a2:2MP /a3:3MP/a4:4MP/a5:5MP/a6:6MP /a8:8MP/ a12:12MP (a represent resolution code , number represent resolution)
Blank:Without Visible Camera
E: With wiper
Blank: Without wiper
F:Built-in optical fiber
Blank: No optical fiber
W: White light
Blank: No white light
L:with laser light
Blank: No laser light
I: With Infrared light
Blank: Without Infrared light
V: Visible Camera; B: Dual light Camera
T: Thermal Camera; G: Gas detection Camera
N: Network A: Analog
PT: Pan&Tilt type
FPS :Short type fixed point type
FPM: Medium type fixed point type
FPL :Long type fixed point type
Explosion-proof
Camera

IECEX DIAGRAM OF STRUCTURAL TYPE EVOLUTION





C-EX-PTNVIE□□

Explosion Proof PTZ IR Camera

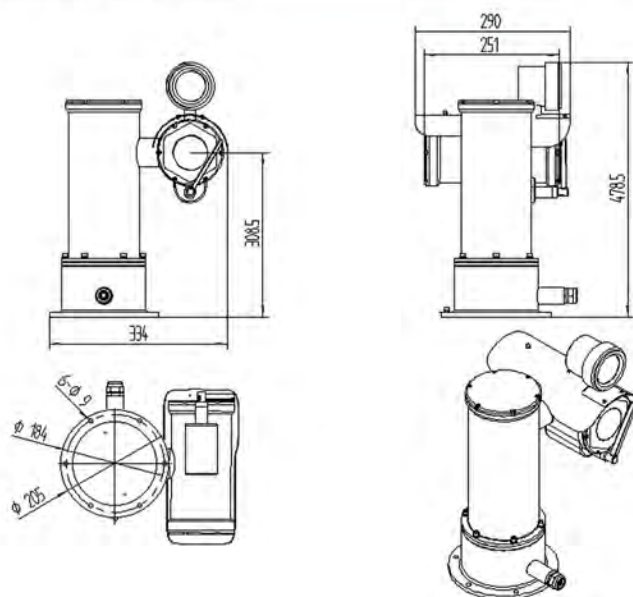


The C-EX-PTNVIE□□ is a Pan/Tilt Camera Certified according to IECEx ATEX released by DNV, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Column Installation
Surface	Powder coating or electric polishing
IR Range	150m(300m optional)
Resolution	2MP,4MP,8MP etc
Zoom	30x/33x etc
Optional Functions	Starlight-level Lens /Black Light-level lens/Electronic Image Stabilization / Gyroscope/Fan/Heating Anti-Flicker, heartbeat,password protection,Privacy mask,watermark
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤26.2kg
Dimensions(L*W*H)	334*290*478.5mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb, Zone 1&2 Ex tb IIIC T85°C Db, Zone 21&22
Certificates	IECEx ATEX Certification Body: DNV

DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



EX07SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

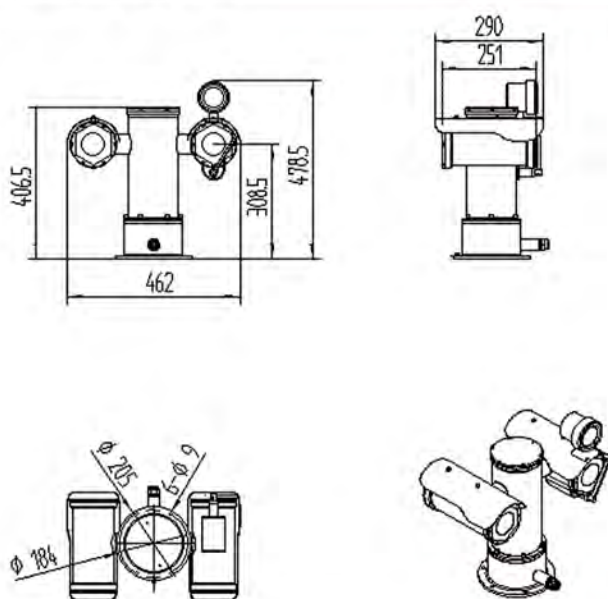
Explosion Proof PTZ Dual Light IR Camera



The C-EX-PTNBIE□□□□ is a Pan/Tilt Camera Certified according to IECEx ATEX released by DNV, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.



DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



EX07SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Column Installation
Surface	Powder coating or electric polishing
IR Range	100m(300m optional)
Thermal Resolution	640*512
Thermal Focal Length	6mm/ 9mm /35mm
Visible Resolution	2MP,4MP,8MP etc
Visible Zoom	30X/33X etc
CCTV add-on	Gas detection with temperature measurement
Temperature measurement range	-20°C~+550°C/-20°C~+650°C /0°C~+2000°C etc
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤32kg
Dimensions(L*W*H)	462*290*478.5mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb, Zone 1&2 Ex tb IIIC T85°C Db, Zone 21&22
Certificates	IECEx ATEX Certification Body: DNV



Explosion Proof PTZ Dual Light Camera

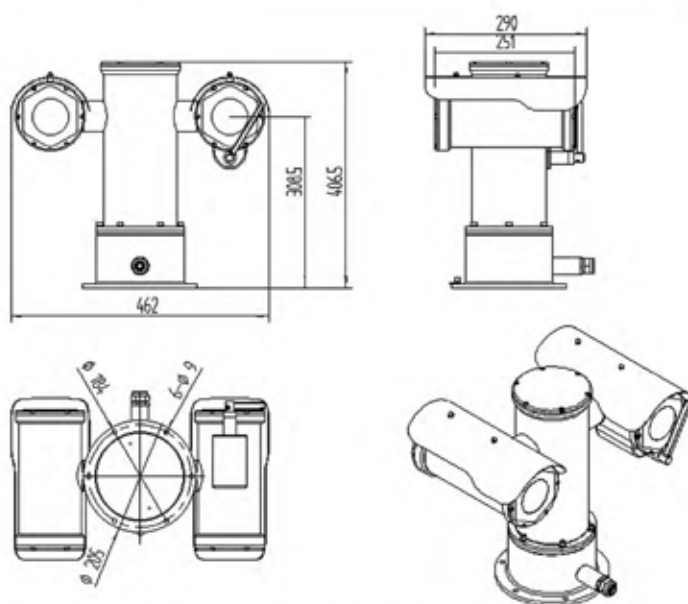


The C-EX-PTNBE is a Pan/Tilt Camera Certified according to IECEx ATEX released by DNV. The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Column Installation
Surface	Powder coating or electric polishing
IR Range	100m(300m optional)
Thermal Resolution	256*192/384*288/640*512/1280*1024 etc 4.1mm/6.9mm/7.8mm/13mm/19mm
Thermal Focal Length	/25mm/35mm/50mm etc
Visible Resolution	2MP,4MP,8MP etc
Visible Zoom	20x,30x,33x,40x,72x etc
Temperature measurement range	-20°C~+550°C/-20°C~+650°C /0°C~+2000°C etc
Optional matching scheme	Visible Lens + IR / Visible Lens + Observation-type Thermal / Visible Lens + Temperature Measurement-Type Thermal
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤30.6kg
Dimensions(L*W*H)	462*290*406.5mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb, Zone 1&2 Ex tb IIIC T85°C Db, Zone 21&22
Certificates	IECEx ATEX Certification Body: DNV

DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



EX07SS
Exd Type Explosion Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose

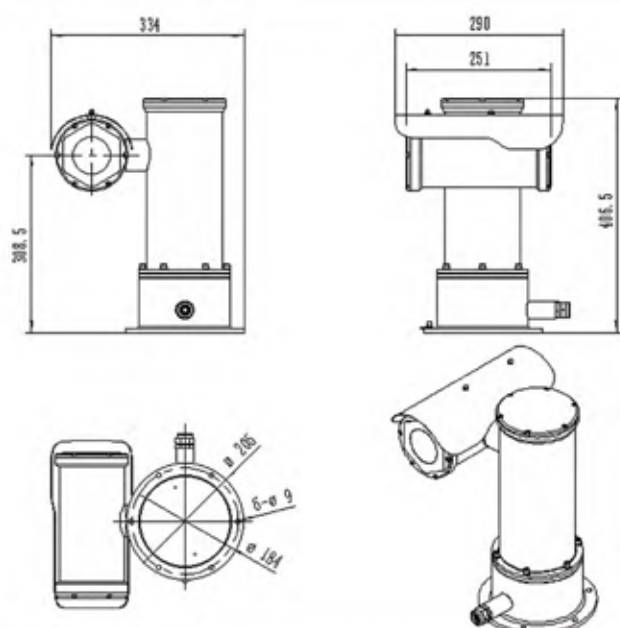
Explosion Proof PTZ Thermal Camera



The C-EX-PTNT□□ is a Pan/Tilt Camera Certified according to IECEx ATEX released by DNV, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.



DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



EX07SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Column Installation
Surface	Powder coating or electric polishing
Thermal Resolution	384*288/640*512/1280*1024 etc
Thermal Focal Length	4.1mm/6.9mm/7.8mm/13mm/19mm etc
Optional Functions	Starlight-level Lens / Gyroscope/ Observation-type Thermal/Temperature Measurement-type Thermal/ Anti-Flicker, heartbeat, password protection, Privacy mask, watermark
Voltage	DC12V/POE+/AC100-240V power optional
Weight	≤24.2kg
Dimensions(L*W*H)	334*290*407mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb, Zone 1&2 Ex tb IIIC T85°C Db, Zone 21&22
Certificates	IECEx ATEX Certification Body: DNV



C-EX-PTNVE□□

Explosion Proof PTZ Camera with Wiper



The C-EX-PTNVE□□ is a Pan/Tilt Camera Certified

according to IECEx ATEX released by DNV, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Column Installation
Surface	Powder coating or electric polishing
Visible Resolution	2MP,4MP,8MP etc
Visible Zoom	30X/33X etc

Optional Functions	Black Light-level Lens/ Electronic Image Stabilization / Gyroscope/Fan/Heating/ Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
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Voltage	DC24V/POE++/AC100-240V power optional
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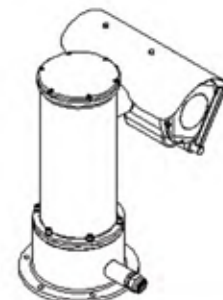
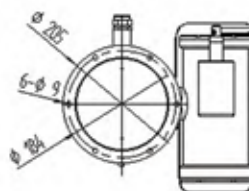
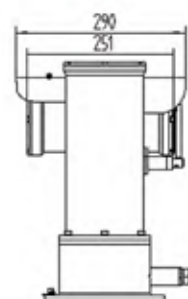
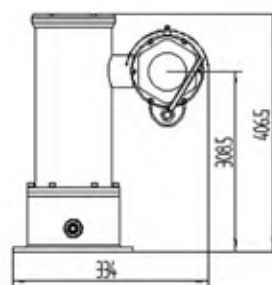
Weight	≤25.6kg
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Dimensions(L*W*H)	334*290*406.5mm
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Ex Mark	Ex db I Mb Ex db IIC T6 Gb, Zone 1&2 Ex tb IIIC T85°C Db, Zone 21&22
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Certificates	IECEX ATEX Certification Body: DNV
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DIMENSIONS



OPTIONAL ACCESSORIES



B005T
Anti-shake Bracket



EX07SS
Exd Type Explosion
Proof Junction Box

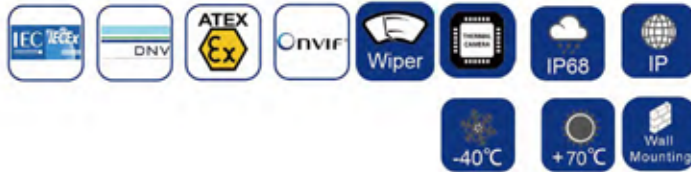


R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

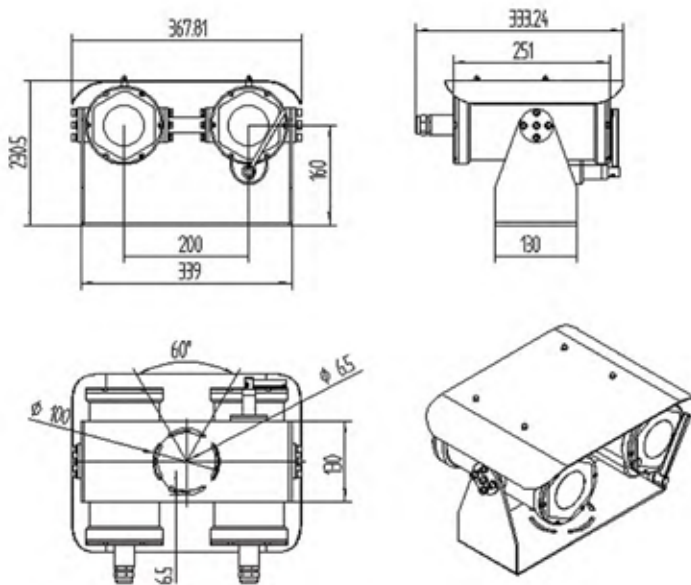
Explosion Proof Fixed Dual Light Zoom Camera



The C-EX-FP□VBIE□□□□ is a Fixed Camera Certified according to IECEx ATEX released by DNV, The special bracket structure allows this camera to be fixed and rotated at multiple angles.



DIMENSIONS



OPTIONAL ACCESSORIES



EX07SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating or electric polishing
IR Range	100m(300m optional)
Thermal Resolution	256*192/384*288/640*512/1280*1024 etc 4.1mm/6.9mm/7.8mm/13mm/19mm
Thermal Focal Length	/25mm/35mm/50mm etc
Visible Resolution	2MP,4MP,8MP etc
Visible Zoom	20x,30x,33x,40x,72x etc
Temperature measurement range	-20°C~+550°C/-20°C~+650°C /0°C~+2000°C etc
Optional matching scheme	Visible Lens + IR / Visible Lens + Observation-type Thermal / Visible Lens + Temperature Measurement-Type Thermal
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤18.6kg
Dimensions(L*W*H)	Short Type:235*367*230.5mm Medium Type:285*367*230.5mm Long Type:335*367*230.5mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb,Zone 1&2 Ex tb IIIC T85°C Db,Zone 21&22
Certificates	IECEX ATEX Certification Body:DNV



Explosion Proof Fixed Dual Light IR Zoom Camera

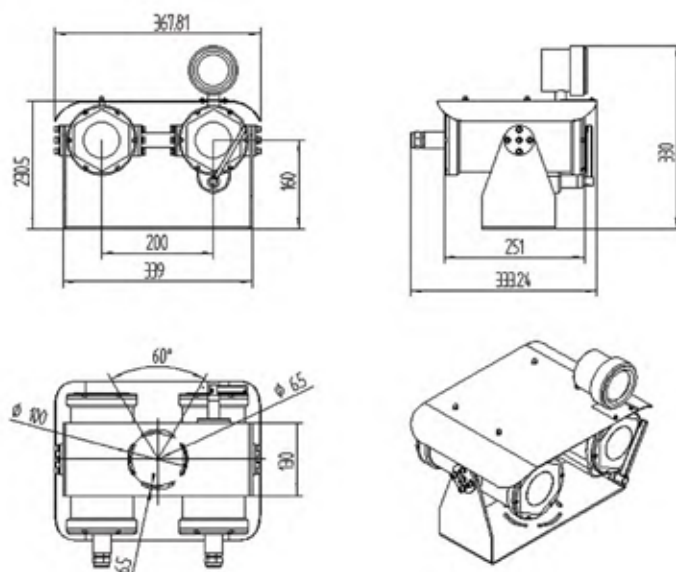


The C-EX-FP□NBIE□□□□ is a Fixed Camera Certified according to IEC EX ATEX released by DNV, The spherical rotational structure allows for multi-angle observation.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating or electric polishing
IR Range	100m(300m optional)
Thermal Resolution	640*512
Thermal Focal Length	6mm/ 9mm /35mm
Visible Resolution	2MP,4MP,8MP etc
Visible Zoom	30X/33X etc
CCTV add-on	Gas detection with temperature measurement
Temperature measurement range	-20°C~-+550°C/-20°C~-+650°C /0°C~-+2000°C etc
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤20kg
Dimensions(L*W*H)	Short Type:235*367*330mm Medium Type:285*367*330mm Long Type:335*367*330mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb,Zone 1&2 Ex tb IIIC T85°C Db,Zone 21&22
Certificates	IECEX ATEX Certification Body:DNV

DIMENSIONS



OPTIONAL ACCESSORIES



EX07SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

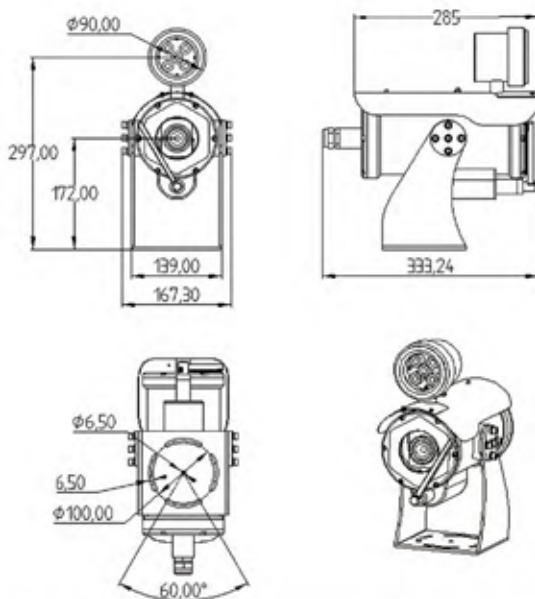
Explosion Proof Fixed IR Zoom Camera



The C-EX-FPMVIEa4b33x is a Fixed Camera Certified according to IECEx ATEX released by DNV, The special bracket structure allows this camera to be fixed and rotated at multiple angles.



DIMENSIONS



OPTIONAL ACCESSORIES



EX07SS
Exd Type Explosion
Proof Junction Box



EX06SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating or electric polishing
IR Range	100m(300m optional)
Visible Resolution	2MP,4MP,8MP etc
Visible Zoom	30x/40x/46x/72x etc
Optional Functions	Starlight-level Lens /Black Light-level Lens/Electronic Image Stabilization / Gyroscope/Fan/Heating/ IR/Laser/ Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤10.5kg
Dimensions(L*W*H)	Short Type:235*167*332mm Medium Type:285*167*332mm Long Type:335*167*332mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb,Zone 1&2 Ex tb IIIC T85°C Db,Zone 21&22
Certificates	IECEX ATEX Certification Body:DNV



Explosion Proof Fixed Thermal Camera

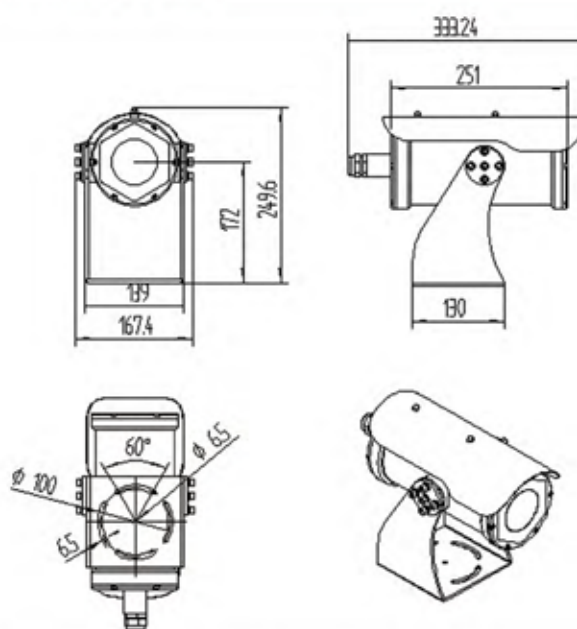


The C-EX-FPMNTc2d35 is a Fixed Camera Certified according to IECEx ATEX released by DNV, The spherical rotational structure allows for multi-angle observation.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Powder coating or electric polishing
Thermal Resolution	384*288/640*512/1280*1024 etc
Thermal Focal Length	4.1mm/6.9mm/7.8mm/13mm/19mm etc
Optional Functions	Electronic Image Stabilization / Gyroscope/Fan/Heating/ Observation-type Thermal/ Temperature Measurement-type Thermal/ Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤9.1kg
Dimensions(L*W*H)	Short Type:235*167*250mm Medium Type:285*167*250mm Long Type:335*167*250mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb,Zone 1&2 Ex tb IIIC T85°C Db,Zone 21&22
Certificates	IECEx ATEX Certification Body:DNV

DIMENSIONS



OPTIONAL ACCESSORIES



EX07SS
Exd Type Explosion
Proof Junction Box



EX06SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

Explosion Proof Fixed Zoom Camera

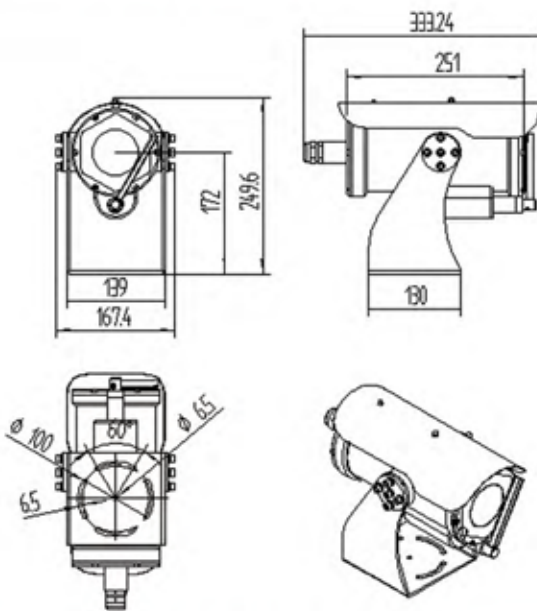


The C-EX-FP□VE□□ is a Fixed Camera Certified according to IECEx ATEX released by DNV, The special bracket structure allows this camera to be fixed and rotated at multiple angles.



C-EX-FP□NVE□□

DIMENSIONS



OPTIONAL ACCESSORIES



EX07SS
Exd Type Explosion
Proof Junction Box



EX06SS
Exd Type Explosion
Proof Junction Box



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+70°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, Column Installation
Surface	Powder coating or electric polishing
Visible Resolution	2MP, 4MP, 8MP etc
Visible Zoom	30x/40x/46x/72x etc
Optional Functions	Black Light-level Lens/Electronic Image Stabilization / Gyroscope/Fan/ Heating/ IR/Laser/ Anti-Flicker, heartbeat, password protection, Privacy mask, watermark
Voltage	DC24V/POE++/AC100-240V power optional
Weight	≤10kg
Dimensions(L*W*H)	Short Type:235*167*250mm Medium Type:285*167*250mm Long Type:335*167*250mm
Ex Mark	Ex db I Mb Ex db IIC T6 Gb, Zone 1&2 Ex tb IIIC T85°C Db, Zone 21&22
Certificates	IECEx ATEX Certification Body: DNV



Explosion Proof Anti-Corrosion IR Bullet IP Camera

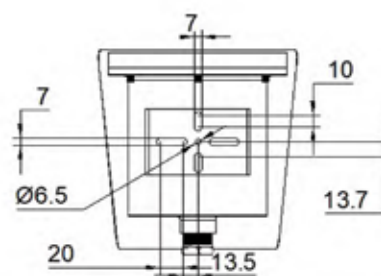
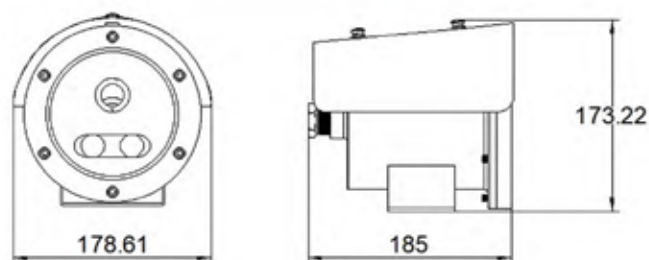


The W-EX-VLxxxIR(W)02(N) is a Fixed Camera Certified according to ATEX approval, The spherical rotational structure allows for multi-angle observation.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+60°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted,column,
Surface	Powder coating or electric polishing
IR Range	60m
Shutter	Automatic/manual,1-1/100000s
Resolution	2MP,4MP,8MP etc
Zoom	2.7-13.5mm,5x Optical Zoom
Image Sensor	1/3" Progressive Scan CMOS
Min.illumination	Color:0.002lux@(F1.2,AGC ON); 0 lux with IR on
Functions	Motion detection,occlusion detection sound,alarm input and alarm output
Voltage	DC12V power optional
Weight	≤5.5kg
Dimensions(L*W*H)	185*179*174mm
Certificates	ECM ATEX Approval
Ex Mark	Ex I2G Ex db op is IIC T6 Gb II2D Ex tb op is IIC T80°C Db IP68IP66

DIMENSIONS



OPTIONAL ACCESSORIES



B004T
Anti-Shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Exe Type Explosion
Proof Junction Box



EX06SS
Exd Type Explosion
Proof Junction Box

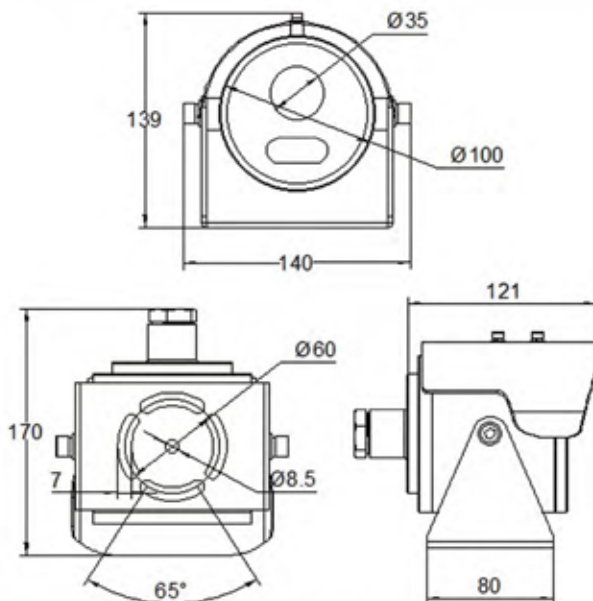
Explosion Proof Anti-Corrosion IR Fixed WDR IP Camera



The M-EX-FLxxxIR02 is a Fixed Camera Certified according to IECEX ATEX released by DNV, The special bracket structure allows this camera to be fixed and rotated at multiple angles.



DIMENSIONS



OPTIONAL ACCESSORIES



B001DT
Anti-Shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Exe Type Explosion
Proof Junction Box



EX06SS
Exd Type Explosion
Proof Junction Box

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+60°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted, column,
Surface	Powder coating or electric polishing
IR Range	30m
Shutter	Automatic/manual, 1-1/100000s
Resolution	2MP, 4MP, 8MP etc
Zoom	2.8mm/4mm
Image Sensor	1/3" Progressive Scan CMOS
Min.illumination	Color: 0.01lux@(F2.1, AGC ON); 0 lux with IR on
Functions	Motion detection, occlusion detection sound, alarm input and alarm output
Voltage	DC12V/POE power optional
Weight	≤2.5kg
Dimensions(L*W*H)	170*140*139mm
Certificates	ECM ATEX Approval
Ex Mark	Ex I2G Ex db op is IIC T6 Gb II2D Ex tb op is IIIC T80°C Db IP68IP66



Explosion Proof Monitor & All-in one PC



The Monitor Certified according to ATEX approval ,It is applicable to CCTV systems, The monitor can display images clearly, and its high-intensity structure ensures high stability. The base stand can be adjusted to multiple angles.

MAIN FEATURES

Resolution 1920*1080

Size 19inch / 22inch etc optional

Luminance 300 Cd/m2

Material Stainless Steel Enclosure

Screen Type Touchscreen(Standard) /
Non-touchscreen(optional)

Video Input VGA;HDMI

Storage Temperature -20°C to +60 °C

Operating Temperature -30°C to +60 °C

Power Supply AC100-240V

CPU i7/i5 CPU optional

Operating System Windows 10/11/Ubuntu optional

Lay in 256G/512G/1T/2T etc solid-state drive optional

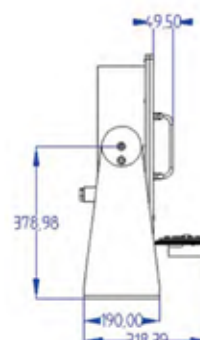
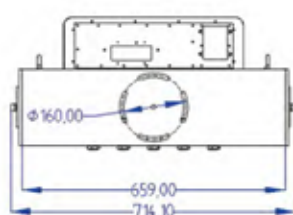
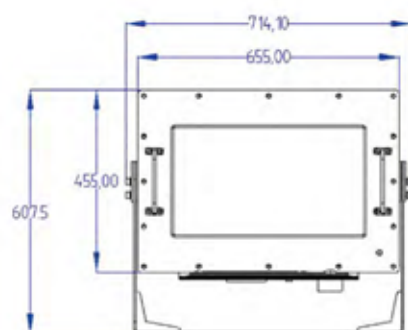
Internal Storage 4G/8G/16G/32G optional

Mounting Desktop Mounting / Pole Mounting

Weight ≤61kg

Protection Class IP66

DIMENSIONS



Exe Type Explosion Proof Junction Box

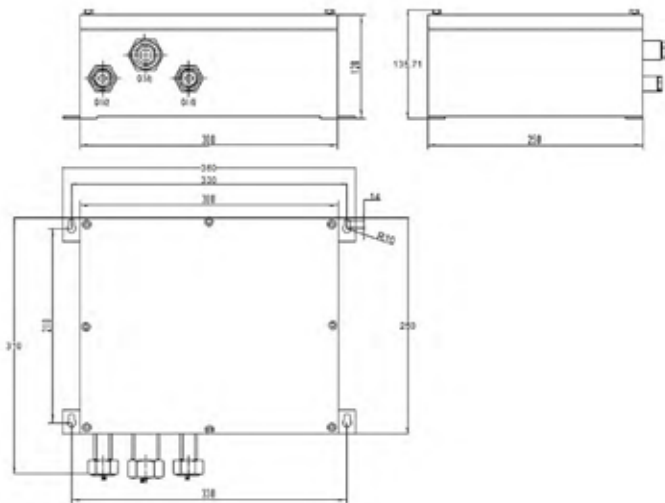


The J004 is a Junction Box Certified according to ECM Atex approval, It is applicable to CCTV systems, The junction box can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.



J004

DIMENSIONS



MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Cable Entry	G1/2
Cable Outlet	G3/4
Weight	≤4.3kg
Dimensions(L*W*H)	136*310*360mm
Ex mark	Ex II 2G Ex eb op is IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb II2D Ex tb
Hazardous Area	Zone 1,Zone 2,Zone 21,and Zone22

OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



RT28N-32X
Air Circuit Breaker



NX09
Network Extender



Exe Type Explosion Proof Junction Box

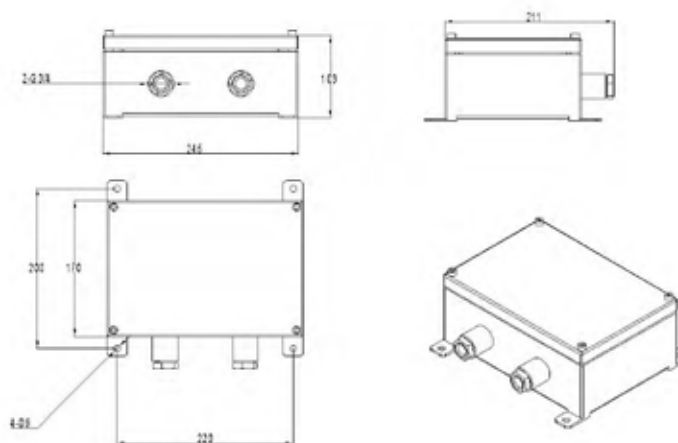


The J008 is a Junction Box Certified according to ECM Atex approval, It is applicable to CCTV systems, The junction box can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Cable Entry	G3/4
Cable Outlet	G3/4
Weight	≤2.7kg
Dimensions(L*W*H)	103*200*220mm
Ex mark	Ex II 2G Ex eb op is IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb II2D Ex tb
Hazardous Area	Zone 1,Zone 2,Zone 21,and Zone22

DIMENSIONS



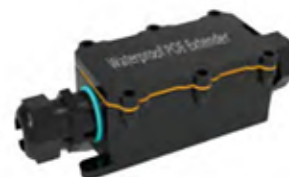
OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



WPE08-SV/IPC
Waterproof POE Extender

Exd Type Explosion Proof Junction Box

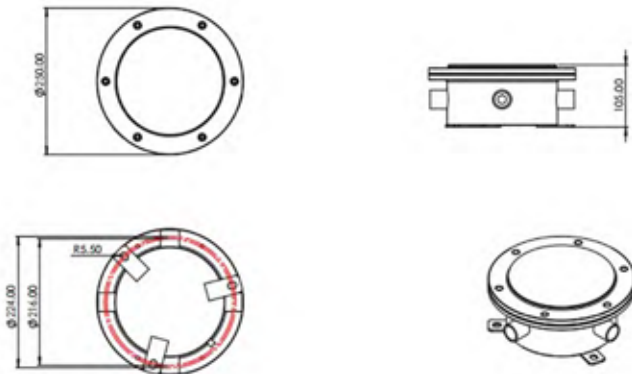


The EX06SS is a Junction Box Certified according to ECM Atex approval, It is applicable to CCTV systems, The junction box can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.



EX06SS

DIMENSIONS



MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Cable Outlet	4 cable outlets
Model	KD-EX06SM and KD-EX06SL optional
Weight	≤10.1kg
Dimensions(L*W*H)	Ø250*105mm
Ex mark	Ex II 2G Ex db op is IIC T6 Gb/ II 2D Ex tb op is IIIC T80°C Db IP66
Hazardous Area	Zone 1,Zone 2,Zone 21,and Zone22

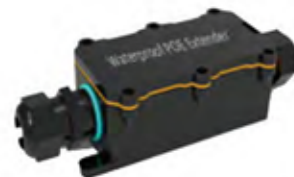
OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



WPE08-SV/IPC
Waterproof POE Extender



Exd Type Explosion Proof Junction Box

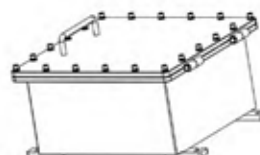
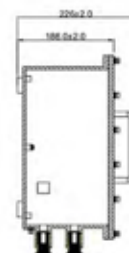
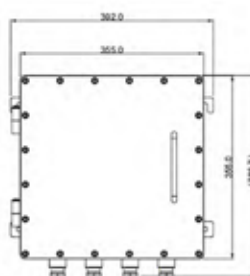


The EX07SS is a Junction Box Certified according to ECM Atex approval, It is applicable to CCTV systems, The junction box can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP66
Temp.range min	-40°C
Temp.range max	+70°C
Cable Outlet	8cable outlets
Model	KD-EX07SM and KD-EX07SL optional
Weight	≤27.8kg
Dimensions(L*W*H)	392*389*228mm
Ex mark	Ex II 2G Ex db op is IIC T6 Gb/ II 2D Ex tb op is IIIC T80°C Db IP66
Hazardous Area	Zone 1,Zone 2,Zone 21,and Zone22

DIMENSIONS



OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



RT28N-32X
Air Circuit Breaker



NX09
Network Extender

Explosion Proof Flexible Connecting Pipe



The Hose is Certified according to ECM Atex approval, It is applicable to CCTV systems, The hose can enhance the anti-interference capability of the camera's output signal and provide protection for other electrical components.



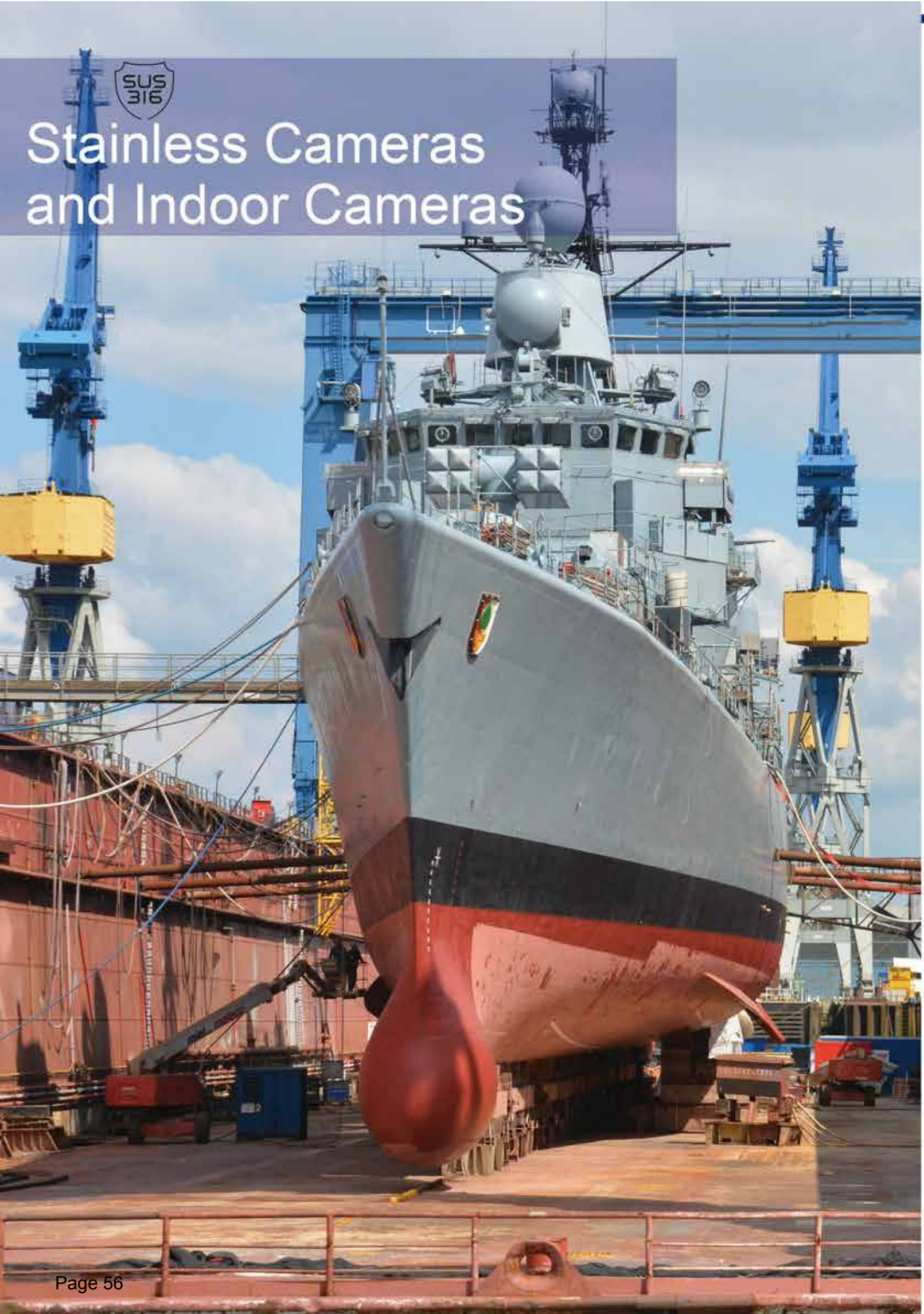
R1500/KDSR1500

MAIN FEATURES

Material	Stainless Steel / rubber
Protection Class	IP65
Temp.range min	-20°C
Temp.range max	+40°C
Weight	≤1.15kg
Operational Areas	outdoor
Mounting	Installed on the junction box
Applications	Can be used in hazardous areas; Zone 1and Zone 2Can be used in explosive gas atmospheres of Category II All B and II CCan be Used in dangerous places such as chemical industry, oil refining, petroleum exploitation, offshore oil platform, oil tanker, pharmaceutical industry, military industry, etc. , the utility model is used for connecting the inlet and outlet lines of explosion-proof electrical equipment or connecting thesteel pipe wiring with greater bending difficulty or vibration.
Ex mark	ExdII Gb/DIP A28
Executive standard	GB3836.1,GB3836.2,GB12476.1,GB9600,IEC60079
Length	1.5m(2m optional)



Stainless Cameras and Indoor Cameras



Product Catalog

MC200 Marine Fixed Dome Camera	58		MC400 Marine Super Wide View Camera	59	
MC701 Marine High Speed PTZ Dome Camera	60		MCI1000 Indoor HD Color Hunter Wide Angle Fixed Turret Network Camera	61	
MCI2000 Indoor IP/Network Dual Light Red and blue Alarm Big Turret Camera	62		MCI3000 Indoor IP/Network Dual Light Red and Blue Alarm Turret Camera	63	
MCI4000 Indoor IP/Network IR Mini Vandal Dome Camera	64		MCI6000 Indoor IP/Network Smart Auto-Tracking PTZ Camera	65	
MCI8000 Indoor AF Lens IP/Network IR Bullet Camera	66				

Marine Fixed Dome Camera



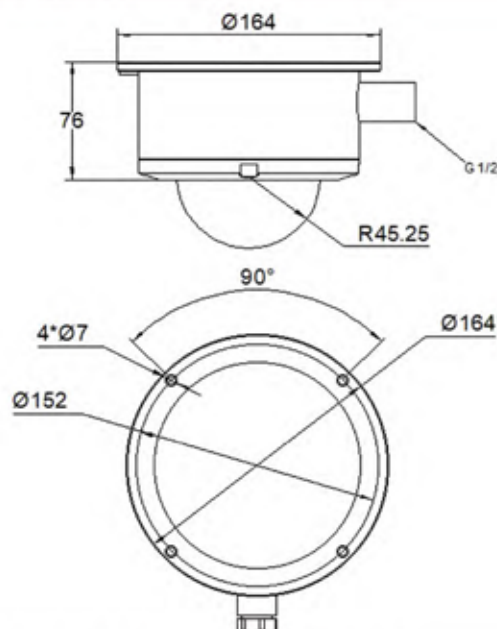
MC200

The MC200 is a Fixed Dome Camera Certified according to CE -EN62676 type approval ,Thanks to its 1/2.8" CMOS sensor it offers excellent image quality and an improved light sensitivity and colour rendering.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+60°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounting,ceiling installation
Surface	Electric Polishing
IR Range	30m
Rotation Angle	Vertical:0-90°;Horizontal:0-355°
Resolution	2MP,4MP etc
Focal Length	2.8mm/3.6mm/4mm
Image Sensor	1/2.8"Progressive Scan CMOS
Min.illumination	Color:0.05lux@(F1.6,AGC ON); 0 lux with IR
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤3kg
Dimensions(L*W*H)	165*202*165mm
Certificates	BS EN62676-1-1-2014,CE-EN60945

DIMENSIONS



OPTIONAL ACCESSORIES



B003TN
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box

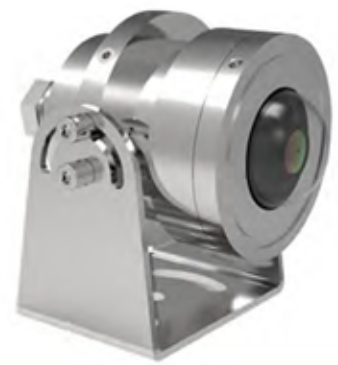


P001
Stainless Steel
Joint Connector

Marine Super Wide View Camera

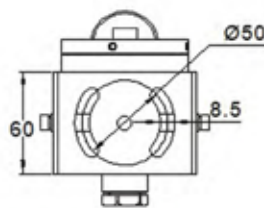
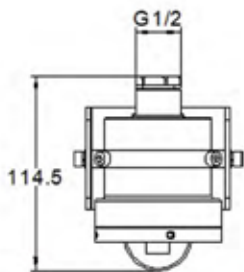
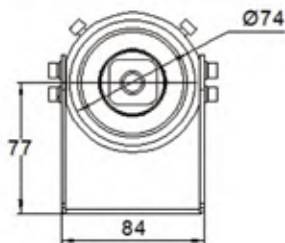


The MC400 is a Super Wide View Camera Certified according to EN62676, EN60945 type approval. Thanks to its 1/2.8" CMOS sensor it offers excellent image quality and an improved light sensitivity and colour rendering.



MC400

DIMENSIONS



OPTIONAL ACCESSORIES



B001T
Anti-shake Bracket



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+60°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounted
Surface	Electric Polishing
Black Light Level	Support
Field of View	170°/130°
Resolution	2MP,4MP,8MP etc
Focal Length	1.8 mm/2.5 mm
Image Sensor	1/2.8" Progressive Scan CMOS
Min.illumination	Color:0.001lux@(F1.7,AGC ON); B/W:0.005lux@(F1.5,AGC ON)
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤1.4kg
Dimensions(L*W*H)	114*84*118mm
Certificates	BS EN62676-1-1-2014



MC701

Marine High Speed PTZ Dome Camera

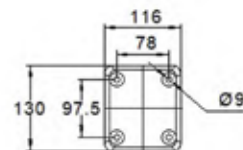
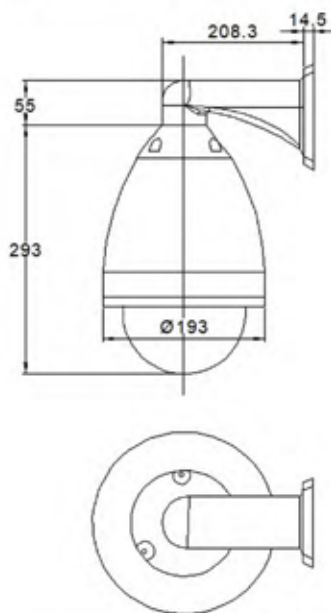


The MC701 is a PTZ Dome Camera spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -5° to 90°.

MAIN FEATURES

Material	Stainless Steel 316L
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+60°C
Video	IP
Operational Areas	Outdoor
Mounting	Wall mounting
Surface	Electric Polishing
IR Range	50m
FOV	H:53.3°-2.6°;V:30.6°-1.5°;D:60.5°-3°
Resolution	2MP,4MP etc
Focal Length	4.8-120mm,25x optical zoom
Image Sensor	1/2.8"Progressive Scan CMOS
Min.illumination	Color:0.05lux@(F1.6,AGC ON); B/W:0.001 lux @(F1.6,AGC ON);
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V,≤40w
Weight	≤12kg
Dimensions(L*W*H)	193*193*293mm

DIMENSIONS



OPTIONAL ACCESSORIES



R-1500
Rubber Flexible Hose



SR-1500
Stainless Steel
Flexible Hose



J008
Anti-Corrosion
Junction Box



P001
Stainless Steel
Joint Connector

Indoor HD Color Hunter Wide Angle Fixed Truuet Network Camera



The MCI1000 is a Color Hunter Wide View Camera Certified according to EN62676 type approval ,The double lens splicing technology is adopted to realize the horizontal viewing angle of 170.00°



DIMENSIONS



OPTIONAL ACCESSORIES



IJ001
Indoor Junction Box

MAIN FEATURES

Material	Metal
Protection Class	IP66
Temp.range min	-10°C
Temp.range max	+60°C
Video	IP
Operational Areas	Indoor
Mounting	Ceiling Installation
IR Range	4PCS LEDS/(IR: 20m)+(White Light:15m)
Day/Night Mode	IR cut filter with auto switch
Resolution	4MP
Focal Length	4mm fixed Lens*2
Image Sensor	1/2.9"COMS Sensor
Min.illumination	Color:0.05lux@(F1.6,AGC ON); 0lux with IR
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤0.56kg
Dimensions(L*W*H)	137.5*109.8*136.82mm
Certificates	BS EN62676-1-1-2014



MCI2000

Indoor IP/Network Dual light Red and Blue Alarm Big Turret Camera



The MCI2000 is a Dual Light Camera Certified according to CE -EN62676 type approval ,Support Day/Night, AWB/MWB,BLC, 3D-DNR,Shutter, IR-CUT, D-WDR,Mirror, Image Flip etc. Functions

MAIN FEATURES

Material	Metal
Protection Class	IP66
Temp.range min	-10°C
Temp.range max	+60°C
Video	IP
Operational Areas	Indoor
Mounting	Wall mounting
LED Light Distance	1pcs dual light+1pcs red and blue light (IR 20m/white light 15m)
Day/Night	EXT/Day/Night/Auto/Time
Resolution	5MP
Focal Length	2.8mm fixed lens
Image Sensor	1/3" CMOS Sensor
Min.illumination	Color:0.05lux@(F1.6,AGC ON); 0 lux with IR or light
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤0.56kg
Dimensions(L*W*H)	126.5*126.5*114mm
Certificates	BS EN62676-1-1-2014

DIMENSIONS



DC 12V Power Port

LAN Port(POE)

OPTIONAL ACCESSORIES



IJ001
Indoor Junction Box

Indoor IP/Network Dual Light Red and Blue Alarm Turret Camera

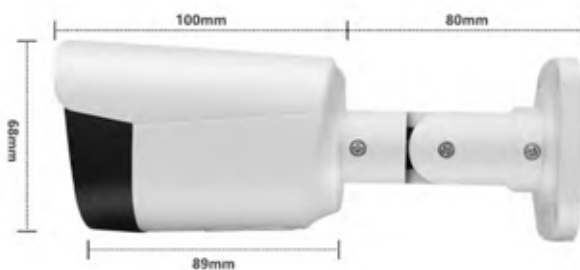


The MCI3000 is a Color Hunter Wide View Camera Certified according to EN62676 type approval ,Support red and blue light flashing alarm



MCI3000

DIMENSIONS



OPTIONAL ACCESSORIES



IJ001
Indoor Junction Box

MAIN FEATURES

Material	Metal
Protection Class	IP66
Temp.range min	-10°C
Temp.range max	+60°C
Video	IP
Operational Areas	Indoor
Mounting	Wall Mounted
LED Light Distance	IR 25m/White Light:20m
Day/Night Mode	4pcs dual light+1pcs R&1 pcs B
Resolution	5MP
Focal Length	2.8mm fixed Lens
Image Sensor	1/2.9" High Sensitivity CMOS
Min.illumination	Color:0.05lux@(F1.6,AGC ON); 0lux with IR or light
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤0.56kg
Dimensions(L*W*H)	180*109.8*68mm
Certificates	BS EN62676-1-1-2014



MCI4000

Indoor IP/Network IR Mini Vandal Dome Camera



The MCI4000 is a Dome Camera Certified according to CE-EN62676 type approval, Support Day/Night, AWB/MWB, BLC, 3D-DNR, Shutter, IR-CUT, D-WDR, WDR, Mirror, Image Flip etc.

MAIN FEATURES

Material	Metal
Protection Class	IP66
Temp.range min	-10°C
Temp.range max	+60°C
Video	IP
Operational Areas	Indoor
Mounting	Ceiling Installation
IR Range	12pcs LEDs//12m IR
Day/Night	IR cut filter with auto switch
Resolution	2MP
Focal Length	3.6mm fixed lens
Image Sensor	1/2.8" Sony307 2MP CMOS
Min.illumination	Color:0.05lux@(F1.2,AGC ON); 0 lux with IR
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤0.45kg
Dimensions(L*W*H)	100*100*65mm
Certificates	BS EN62676-1-1-2014

DIMENSIONS



OPTIONAL ACCESSORIES



IJ001
Indoor Junction Box

Indoor IP/Network Smart Auto-Tracking PTZ Camera

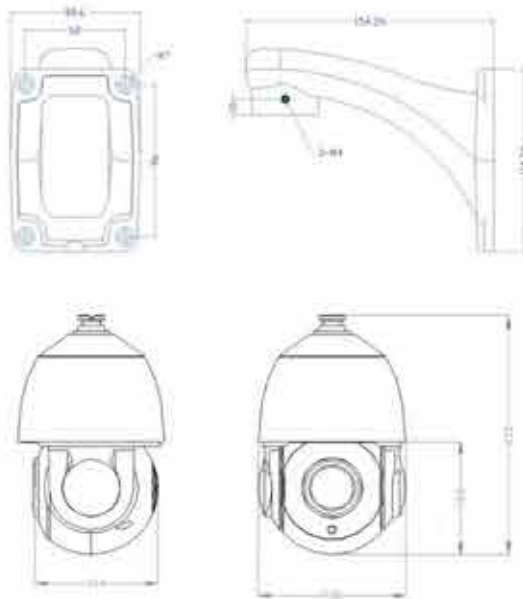


The MCI6000 is a Color Hunter Wide Angle Camera Certified according to EN62676 type approval ,The spherical rotational structure allows for multi-angle observation,Pan:0-360°/Tilt:0-90°@45°/s



MCI6000

DIMENSIONS



OPTIONAL ACCESSORIES



IJ001
Indoor Junction Box

MAIN FEATURES

Material	Metal
Protection Class	IP66
Temp.range min	-10°C
Temp.range max	+60°C
Video	IP
Operational Areas	Indoor
Mounting	Wall Mounted
IR Range	8PCS LEDS//200m IR
Day/Night Mode	IR cut filter with auto switch
Resolution	2MP
Focal Length	30x,5-150mm Motor Lens
Image Sensor	1/2.8" Sony307 2MP CMOS
Min.illumination	Color:0.05lux@(F1.2,AGC ON); 0lux with IR
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤4.5kg
Dimensions(L*W*H)	330*170*345mm
Certificates	BS EN62676-1-1-2014



Indoor AF Lens IP/Network IR Bullet Camera



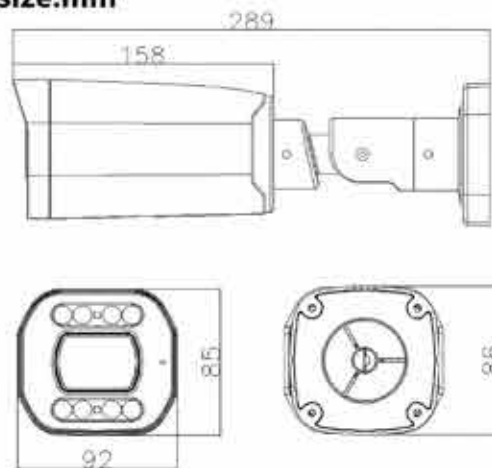
The MCI8000 is a AF Lens IP/Network Camera Certified according to CE-EN62676 type approval ,Support Day/Night, AWB/MWB,BLC, WDR,3D-DNR,Shutter, IR-CUT, D-WDR,Mirror, Image Flip etc. .

MAIN FEATURES

Material	Metal
Protection Class	IP66
Temp.range min	-10°C
Temp.range max	+60°C
Video	IP
Operational Areas	Indoor
Mounting	Wall Mounted
IR Range	28PCS LEDS //65m IR
Day/Night	IR cut filter with auto switch
Resolution	2MP
Focal Length	12x,5-60mm Motor Lens
Image Sensor	1/2.8" Sony307 2MP CMOS
Min.illumination	Color:0.05lux@(F1.2,AGC ON); 0 lux with IR
Functions	Anti-Flicker,heartbeat,password protection,Privacy mask,watermark
Voltage	DC12V/POE power optional
Weight	≤1.1kg
Dimensions(L*W*H)	103*103*300mm
Certificates	BS EN62676-1-1-2014

DIMENSIONS

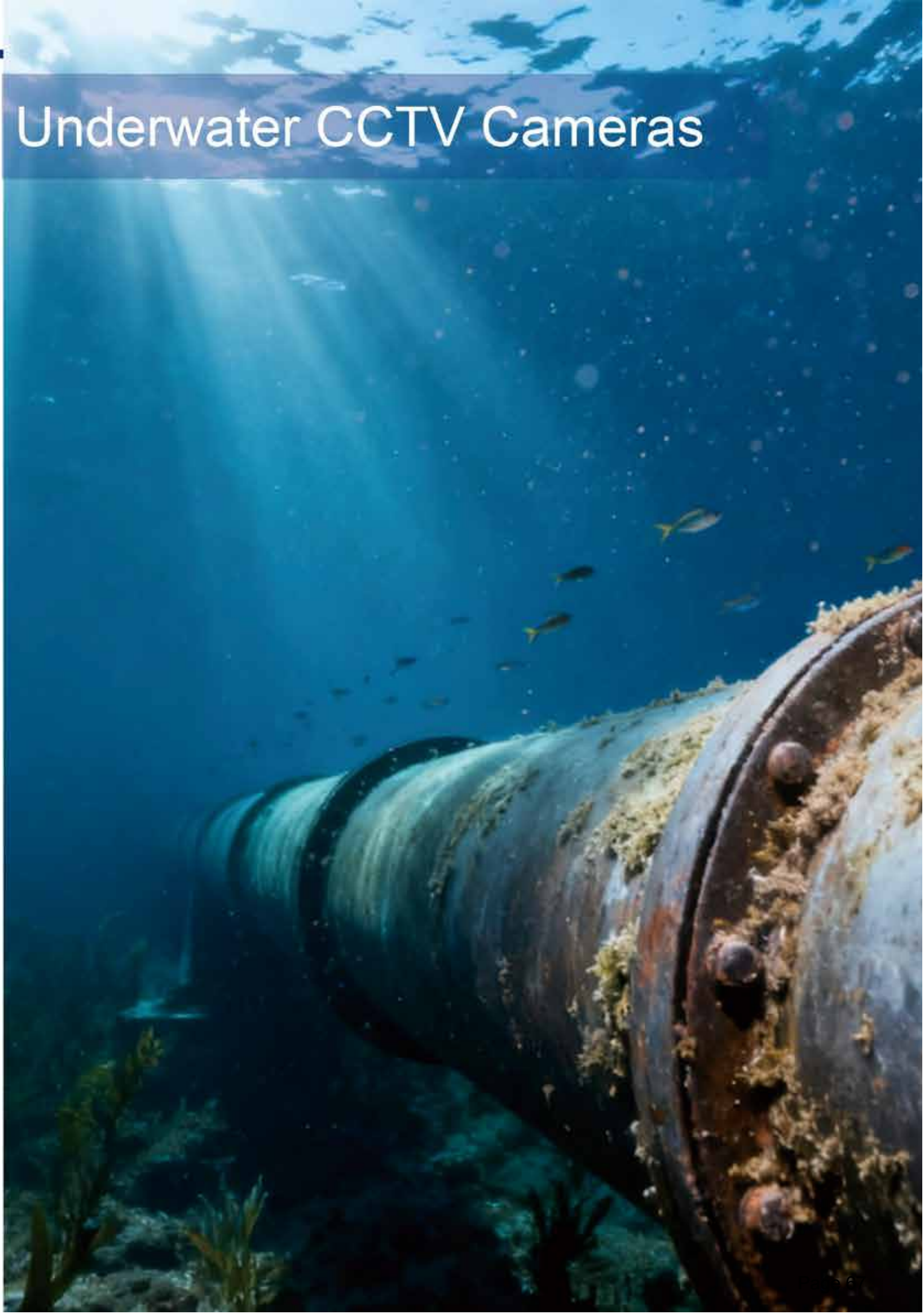
size:mm



OPTIONAL ACCESSORIES



IJ001
Indoor Junction Box



Underwater CCTV Cameras

Product Catalog

H-UDC-VL210
Underwater Network Bullet HD Ultra-low
Illumination Camera

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H-UDC-VL220WL
Underwater Network Bullet Camera
with wiper

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Q-UDC-PTZ220IR
Underwater HD Network PTZ
Dome Camera

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Q-UDC-PTZ205WL
Underwater Network PTZ Dome Camera

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Q-UDC-PTZ210WL
Underwater Network PTZ Dome Camera

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H-UDC-FL2028(A)
Underwater HD Coaxial
Mini Bullet Camera

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Q-UDC-PTF237WL02
Underwater Analogue HD Pan&tilt Camera

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H-UDC-FL204(A)
Underwater HD Coaxial Bullet Camera

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Q-UDC-PTF228(237)01
Underwater Analogue HD Pan&tilt Camera

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Borehole Camera System

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Underwater Dome Camera System

79



Underwater Light

80



Underwater Network Bullet HD Ultra-Low Illumination Camera

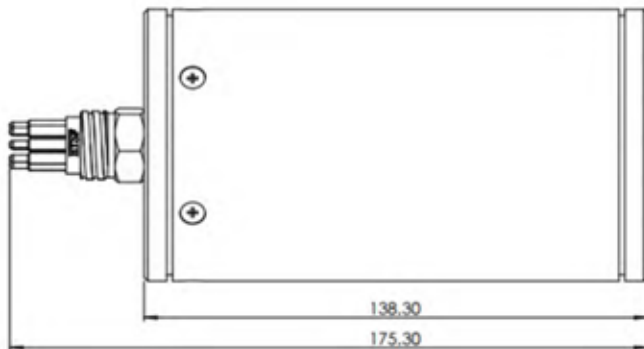


The H-UDC-VL210 is a Underwater Camera has Open SDK,support multiple network protocols and networking methods,Can be customized according to different situations,The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..

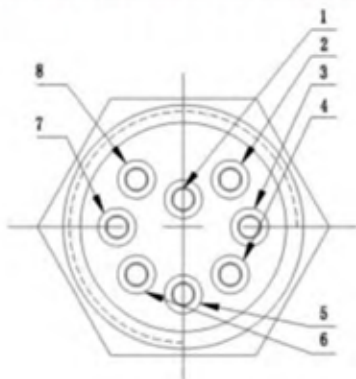


H-UDC-VL210

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30°C
Temp.range max	+60°C
Video	IP
Application Areas	Aquaculture,Underwater photography, Underwater Video,Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	4.9-47mm,10x Optical zoom
Image Sensor	H13516EV100+1/2.8"Sony307 sensor
Min.illumination	Color:0.01lux@F1.2 B/W:0.001lux@F1.2
Functions	Support front-end storage playback /download;Support unified client remotemonitoring software, platform and other system applications;Provide a completeSDK;
Voltage	DC24V
Weight	≤1.5kg
Dimensions(L*W*H)	φ65x170(34mm connector are not included)
Waterproof Gradation	0-300m(The deepest can be customized 6000m)



Underwater Network Bullet Camera with wiper

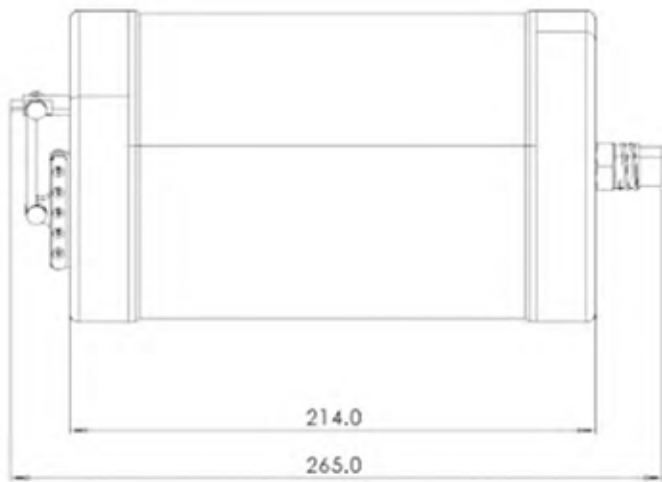


The H-UDC-VL220WL is a Underwater Camera has Open SDK,support multiple network protocols and networking methods,Can be customized according to different situations,The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..

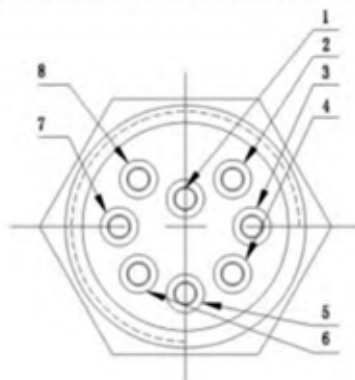
MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30°C
Temp.range max	+60°C
Video	IP
Application Areas	Aquaculture,Underwater photography, Underwater Video,Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	5.1-102mm,20x Optical zoom
Image Sensor	1/2.8"Progressive Scan CMOS
Min.illumination	Color:0.01lux@(F1.6,AGC ON) B/W:0.001lux@(F1.6,AGC ON)
Customizable	Depth (The deepest can be customized 6000m)Sensor (temperature, pressure...) Display control terminal
Voltage	DC24V
Weight	≤4.5kg
Dimensions(L*W*H)	φ128x265(34mm connector are not included)
Waterproof Gradation	0-300m

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

Underwater HD Network PTZ Dome Camera

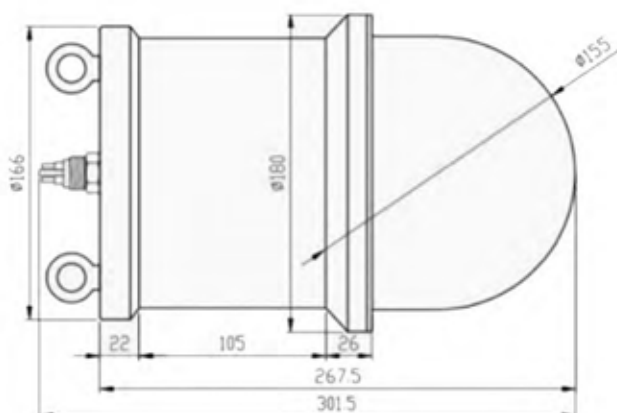


The Q-UDC-VL220IR is a Underwater Camera has Open SDK,support multiple network protocols and networking methods,Can be customized according to different situations,The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..

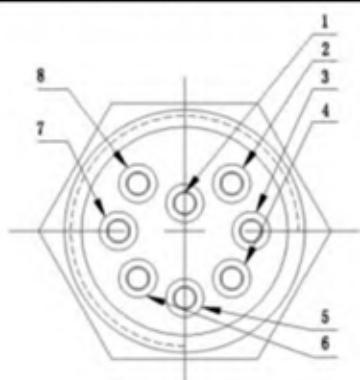


Q-UDC-PTZ220IR

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30°C
Temp.range max	+60°C
Video	IP
Application Areas	Aquaculture,Underwater photography, Underwater Video,Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	4.9-9.2mm,20x Optical zoom
Image Sensor	1/2.9"2.0MP SONY323 CMOS
Angle of rotation	Horizontal direction of 360°continuous rotation,vertical direction of 0°-90°, no monitoring blind area
Customizable	Depth (The deepest can be customized 6000m)Sensor (temperature, pressure...) Display control terminal
Voltage	DC24V
Weight	≤1.5kg
Dimensions(L*W*H)	180*267.5mm(excluding 34mm connector)
Waterproof Gradation	0-300m

Underwater Network PTZ Dome Camera



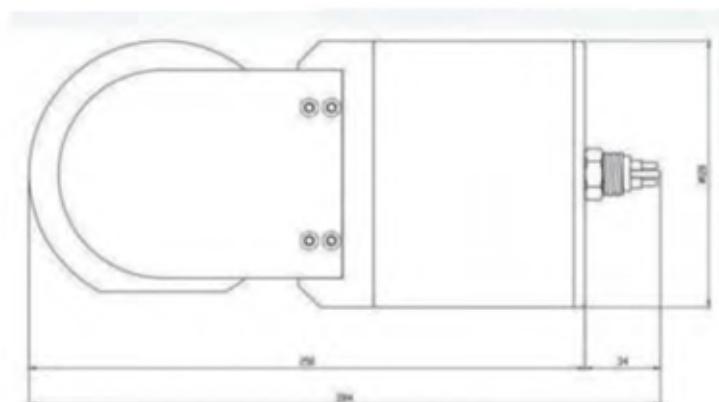
The Q-UDC-PTZ205WL is a Underwater Camera has Open SDK, support multiple network protocols and networking methods, Can be customized according to different situations, The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..

Q-UDC-PTZ205WL

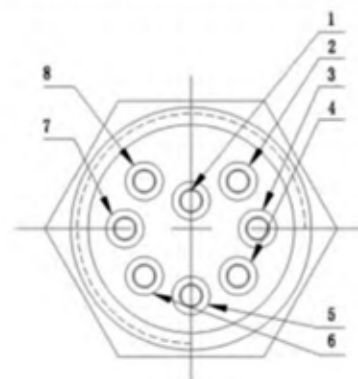
MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-20°C
Temp.range max	+40°C
Video	IP
Application Areas	Aquaculture, Underwater photography, Underwater Video, Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	2.8-12mm, 5x Optical zoom
Image Sensor	1/1.8" SONY custom sensor
Min.illumination	Color: 0.00001lux@F1.2 B/W: 0.00001lux@F1.2
Customizable	Depth Sensor (temperature, pressure...) Display control terminal
Voltage	DC48V (Customized 24V)
Weight	≤4.3kg
Dimensions(L*W*H)	φ120x220(34mm connector are not included)
Waterproof Gradation	0-300m

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

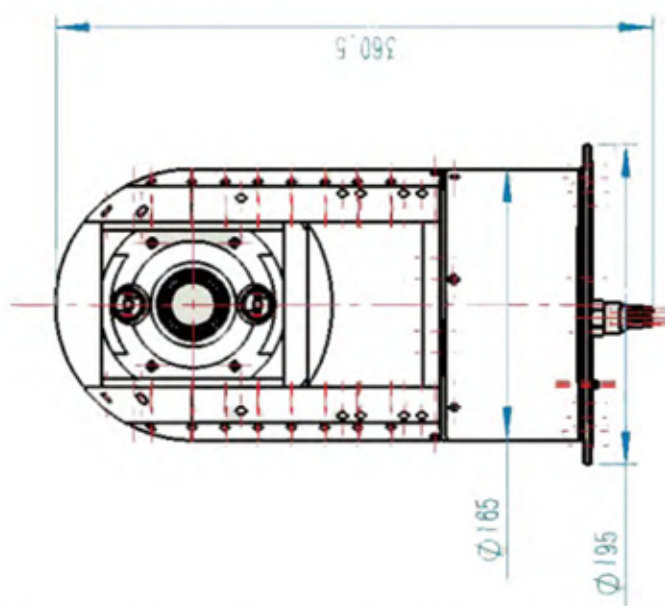
Underwater HD Network PTZ Dome Camera



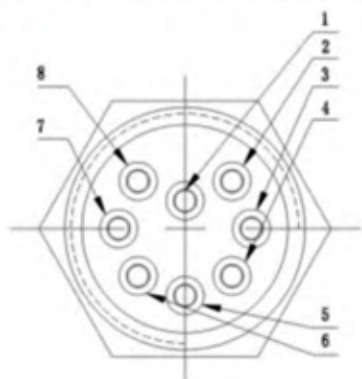
The Q-UDC-PTZ210WL is a Underwater Camera has Open SDK, support multiple network protocols and networking methods, Can be customized according to different situations, The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..



DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-40°C
Temp.range max	+60°C
Video	IP
Application Areas	Aquaculture, Underwater photography, Underwater Video, Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	4.8-48mm, 10x Optical zoom
Image Sensor	1/2.8" Progressive Scan CMOS
Min.illumination	Color: 0.001lux@(F1.69, AGC ON) B/W: 0.0005lux@(F1.69, AGC ON)
Customizable	Sensor (temperature, pressure...) Display control terminal
Voltage	DC24V
Weight	≤21kg
Dimensions(L*W*H)	φ195x360mm(34mm connector are not included)
Waterproof Gradation	0-300m



Underwater HD Coaxial Mini Bullet Camera

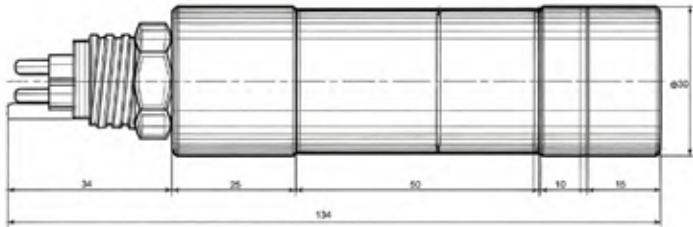


The Q-UDC-FL2028(A) is a Underwater Camera has Open SDK, K, support multiple network protocols and networking methods,Can be customized according to different situations,The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..

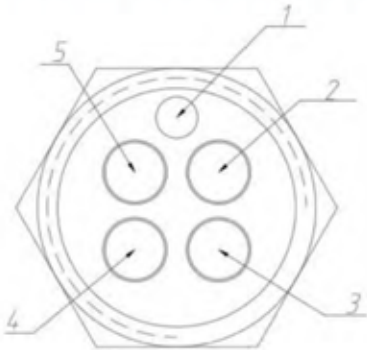
MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30℃
Temp.range max	+60℃
System Mode	AHD coaxiall HD
Application Areas	Aquaculture,Underwater photography, Underwater Video,Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	2.8mm
Image Sensor	1/2.8"color AHD CMOS NVP2441H+IMX307 Stellar
Min.illumination	0.0001lux@F1.2
Customizable	Depth Sensor (temperature, pressure...) Display control terminal
Voltage	DC48V(Customized 24V)
Weight	≤0.35kg(POM as an example)
Dimensions(L*W*H)	φ30x134(100+34mm connector)
Waterproof Gradation	0-300m

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table	
Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RS485 +
5	RS485 -

Underwater Analogue HD Pan&tilt Camera

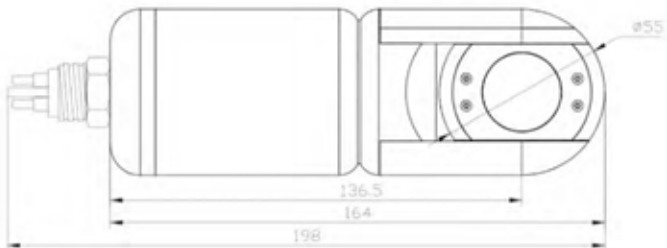


The Q-UDC-PTF237WL02 is a Underwater Camera has Open SDK, support multiple network protocols and networking methods, Can be customized according to different situations, The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters.

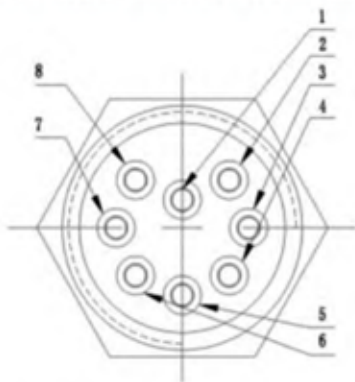


Q-UDC-PTF237WL02

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30°C
Temp.range max	+60°C
System Mode	AHD coaxial HD
Application Areas	Aquaculture, Underwater photography, Underwater Video, Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	3.6mm
Image Sensor	2Magapixel HD CMOS/1080p
Min.illumination	0.01 lux at F1.25600°K (0.001lux at F1.25600°K)
Customizable	Depth(0-300 meter) Sensor (temperature, pressure...) Display control terminal
Voltage	DC12V
Weight	≤0.8kg
Dimensions(L*W*H)	φ55x164mm(34mm connector are not included)
Waterproof Gradation	0-300m

Underwater HD Coaxial Bullet Camera

2MP

IP68

-30℃

+60℃

300m

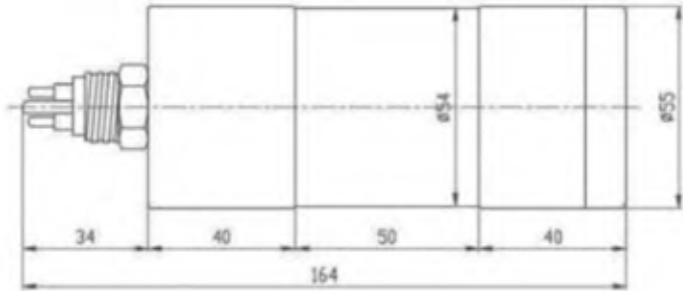
The H-UDC-FL204(A) is a Underwater Camera has Open SDK, support multiple network protocols and networking methods,Can be customized according to different situations,The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..



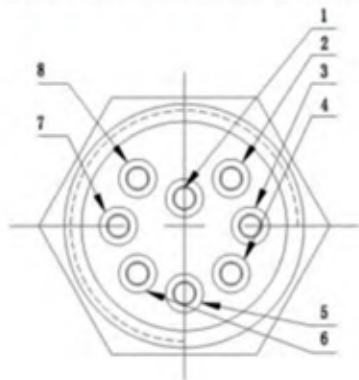
MAIN FEATURES

Material	304 or 316L stainless steel(standard)
	/titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30℃
Temp.range max	+60℃
Video Output	AHD/TVI/CVI/CVBS can be switched
Application Areas	Aquaculture,Underwater photography, Underwater Video,Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	4mm
Image Sensor	1/2.8"SONY IMX291+NVP244
Min.illumination	0.01lux@F1.2
Customizable	Depth
	Sensor (temperature, pressure...)
	Display control terminal
Voltage	DC12V
Weight	≤10kg(stainless steel as an example)
Dimensions(L*W*H)	φ55x130(34mm connector are not included)
Waterproof Gradation	0-300m

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

Underwater Analogue HD Pan&tilt Camera

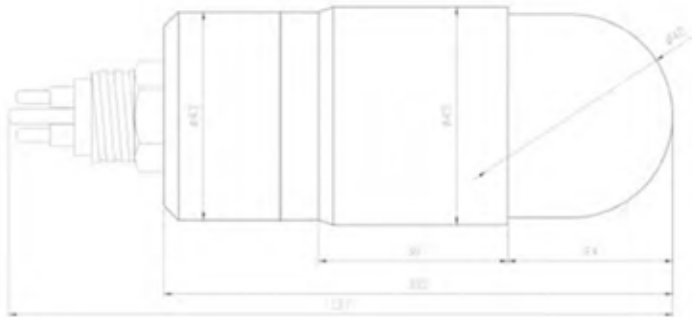


The Q-UDC-PTF228(237)01 is a Underwater Camera has Open SDK, support multiple network protocols and networking methods, Can be customized according to different situations, The highly sealed structure enables the camera to be used in underwater environments ranging from 0 to 300 meters..

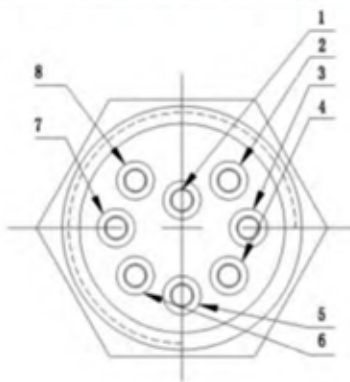


Q-UDC-PTF228(237)01

DIMENSIONS



CORE DEFINITION DIAGRAM



Eight-core watertight connector pin definition table

Pin Num.	Definition
1	Anode
2	Cathode
3	RJ45 1
4	RJ45 2
5	RJ45 3
6	RJ45 6
7	RS485 +
8	RS485 -

MAIN FEATURES

Material	304 or 316L stainless steel(standard) /titanium alloy (optional)
Protection Class	IP68
Temp.range min	-30°C
Temp.range max	+60°C
Video Output	1V-75 ohms AHD/CVBS, video signal (Anti-interference technology)
Application Areas	Aquaculture, Underwater photography, Underwater Video, Underwater Salvage
Surface	Electric Polishing
Resolution	2MP
Focal Length	2.8/3.7mm Glass Lens/F1.2
Image Sensor	2Magapixel Analogue HD CMOS/1080p
Min.illumination	0.01 lux at F1.25600°K
Customizable	Depth Sensor (temperature, pressure...) Display control terminal
Voltage	DC48V
Weight	≤0.2kg
Dimensions(L*W*H)	φ45x105mm(34mm connector are not included)
Waterproof Gradation	0-300m



Borehole Camera System



- *45mm AHD HD Binocular Rotating Camera;
- *13.3-inch high-definition display, 1920*1080 resolution;
- *AHD DVR control box, can take pictures, video, audio recording U disk storage,
- *Hand-pushed manual winch flexible cable winding frame, and digital meter function;
- *The diameter of the flexible copper shaft flexible cable is 8mm and the length can be customized;
- *Electric spooling frame automatic cable arrangement function.

CAMERA SYSTEM



- Camera size: $\Phi 45\text{mm} \times 422\text{mm}$
- HD rotate camera side view to pan 360° rotation,
- Sensor: 1/3" CMOS 2MP pixels
- Sapphire lenses, stainless steel housing
- Waterproof level: 0-500m
- Camera wide-angle range: 120°
- 6 high-brightness LEDs in one eye, adjustable light
- The camera has a built-in compass, thermometer function.

CONTROL UNIT AND DISPLAY FEATURES



- Control box technical parameters
- 13.3-inch IPS LCD LCD HD display
- HD DVR system, 720P MP4 video interface
- USB wireless keyboard
- Built-in 7000mA lithium-ion battery, which can work continuously for 6-8 hours
- The display image has the function of zooming in and out.
- Automatic pay-off, take-up function, the fastest 5S/turn

ELECTRIC WINCH



- Flexible copper axis cable cable, long cable has a good image effect
- The diameter of the cable is $\Phi 8.0\text{ mm}$
- Cable length 300 m as standard (up to 500 m max)
- Portable hand winch cable holder with meter counter function with error less than 1%
- Automatic wiring function of electric spooling frame

Underwater Dome Camera System



*Ultra-low ISO , built-in light source,high-definition zoom

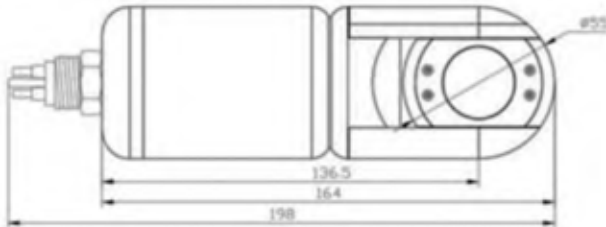
*360° rotation lens,horizontal 360°,tilt 180°

*10 inch IPS LCD screen

*Chinese,English and other 9 languages are available



DIMENSIONS



PRODUCT COMPONENTS



MAIN FEATURES

Camera size $\phi 50 \times 153 \text{mm}$

Waterproof level IP68

Camera Chip Aptina 1/3 CMOS 1.3MP

Tilt Angel: tilt 180° rotation, translation 360° infinite loop

10-inch IPS screen, 1280*720 resolution

Built-in character input system with USB Bluetooth keyboard

Built-in digital counter with error rate below 1%

Flexible coaxial cable 100 meters

Cable diameter 8mm

Digital counter function , error less than 1%

Cable length from 100m to 200m optional

Size: 480*340(H)(L)250(W)mm

Bracket: 220*85mm

Underwater Light



In the low-visibility, high-pressure underwater operating environment, clear visibility is fundamental to safe operations and precise construction. This professional underwater light is specifically engineered for harsh scenarios—deep-sea operations, underwater engineering, search and rescue salvage, and aquaculture inspection. With robust performance, it overcomes darkness and stands as a trusted companion for underwater operators.

MAIN FEATURES

Type	50w/100w
Bead Type	Puri fifth generation COB lamp beads
Luminous Mode	Condense 75-85°;astigmatism>150°
Liminous Flux	5600LM/11000LM
Color Temperature	6500K
Color	White light
Waterproof Grade	0-100m
Power Supply	12-48V
Voltage	30V
Operating Temperature	-10°C~40°C
Size	Ø55*180(without 34mm connector)
Material	304 or 316L stainless steel(standard)/titanium alloy (optional)
Characteristics	Low energy consumption,high brightness,imported seals,long service life,easy disassembly,easy maintenance

Long Range CCTV Cameras



Product Catalog

MCL-PT001 Dual Light Mini PTZ Camera	83		MCL-PT002 Light-Load Dual Light PTZ Camera	84	
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Dual Light Mini PTZ Camera



The MCL-PT001 is a Long Range Camera Equipped with an observation-type thermal imaging lens, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

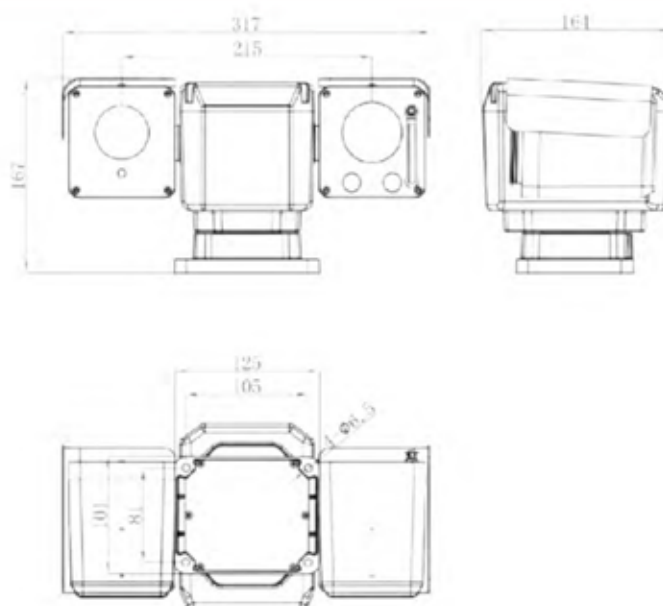


MCL-PT001

MAIN FEATURES

Material	Aluminum Alloy + industrial plastics (with powder coating)	Motor&Transmission Method	Torque Direct-Drive Motor Precision Spur Gear Transmission
Protection Class	IP66	Rotation Range	Horizontal: 0~360° (0.04°~114°/s) Vertical: -90°~+90° (0.04°~87°/s)
Working Temperature	-40°C~+70°C	Function	T-Type Bilateral Load (1.7KG per side), Electronic Image Stabilization, Electronic Fog Penetration, Human-Vehicle-Vessel- Non-Living Object Recognition
Working Humidity	<90%	Voltage	DC10~36V(≤8W)
Video	IP	Weight	≤4kg
Visible Resolution	2MP	Dimensions(H*L*W)	170*320*170mm
Visible Focal Length	30x optical zoom	Mounting	Formal Installation, Four-Point Base Fixation
Thermal Resolution	640*512		
Thermal Length	35mm		

DIMENSIONS





Light-Load Dual Light PTZ Camera



The MCL-PT002 is a Long Range Camera Equipped with an observation-type thermal imaging lens, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -70° to +45°.

MAIN FEATURES

Material	Aluminum Alloy (with powder coating)
Protection Class	IP66
Working Temperature	-25℃~+65℃
Working Humidity	<90%
Video	IP
Visible Resolution	4MP
Visible Focal Length	40x optical zoom
Thermal Resolution	640*512
Thermal Length	50mm
Motor &Transmission Method	Horizontal Torque Direct-Drive Motor Pitch Stepper Motor + Harmonic Reducer Precision Spur Gear Transmission
Rotation Range	Horizontal:0~360°(0.01°~92°/s) Vertical:-70°~+45°(0.01°~18°/s)
Function	Top-Mounted Load (10KG), Gyro Stabilization, Optical Fog Penetration, Human-Vehicle-Vessel-Non-Living Object Recognition
Voltage	DC24V(≤50W)
Weight	≤6kg
Dimensions(H*L*W)	270*168*220mm
Mounting	Formal Installation, Four-Point Base Fixation

T-Type Multispectral Medium-Load PTZ Camera



The MCL-PT003 is a Long Range Camera Equipped with an observation-type thermal imaging lens, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

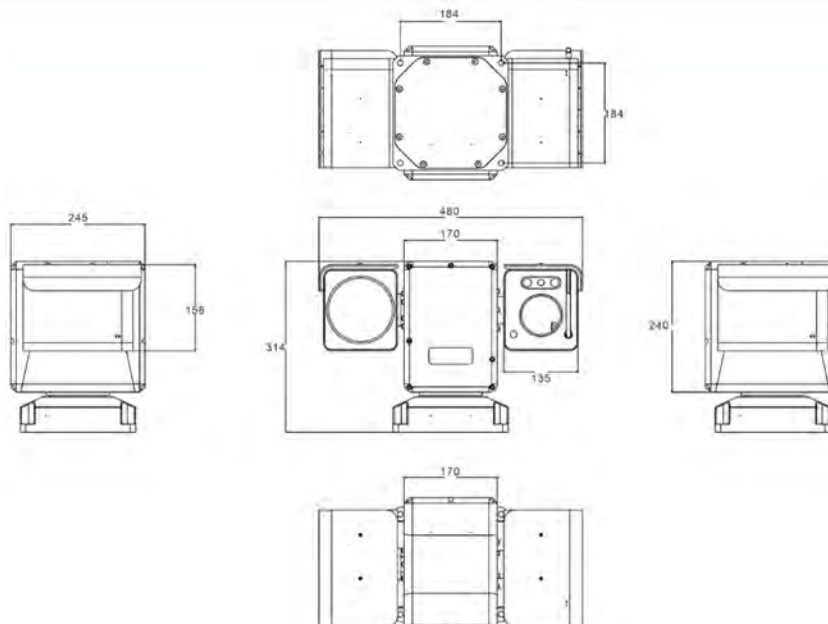


MCL-PT003

MAIN FEATURES

Material	Aluminum Alloy (with powder coating)	Motor&Transmission Method	Torque Direct-Drive Motor Precision Spur Gear Transmission
Protection Class	IP66	Rotation Range	Horizontal: 0~360° (0.17°~180°/s) Vertical: -90°~+90° (0.17°~130°/s)
Working Temperature	-40°C~+65°C	Function	T-Type Bilateral Load (3Kg per side), Gyro Stabilization, Optical Fog Penetration Machine, Pedestrian, Non-motor Vehicle and Vessel Recognition
Working Humidity	<90%	Voltage	DC24V(≤55W)
Video	IP	Weight	≤20kg
Visible Resolution	4MP	Dimensions(H*L*W)	315*245*475mm
Visible Focal Length	55x optical zoom	Mounting	Formal Installation, Four-Point Base Fixation
Thermal Resolution	640*512		
Thermal Length	100mm		

DIMENSIONS





Medium-Load Dual-Spectrum PTZ Camera

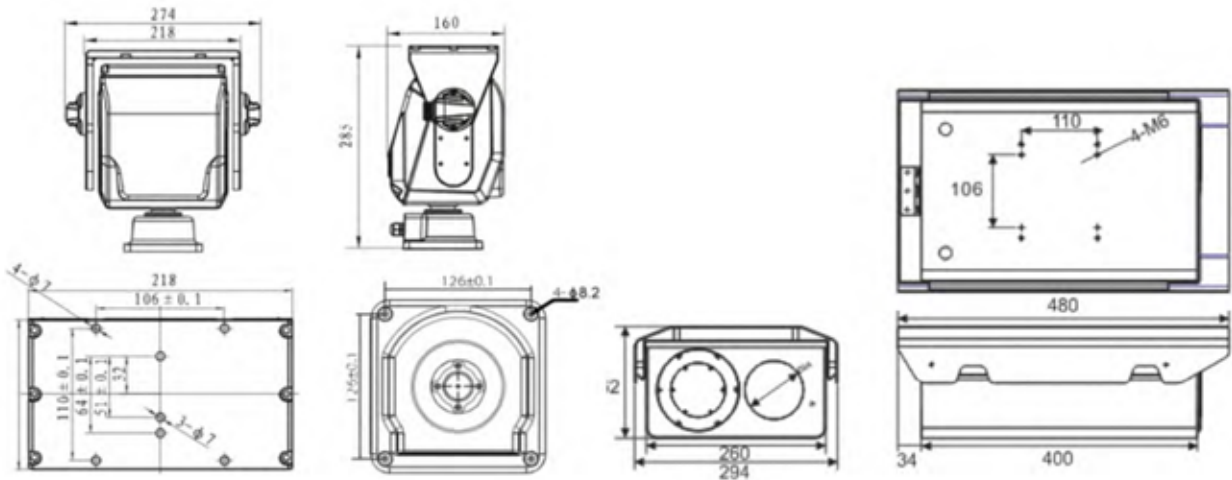


The MCL-PT004 is a Long Range Camera Equipped with an observation-type thermal imaging lens, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -70° to +45°.

MAIN FEATURES

Material	Aluminum Alloy (with powder coating)	Laser Range	500m/800m/3000m optional
Protection Class	IP66	Motor&Transmission Method	Brushless DC Motor Precision Spur Gear Transmission
Working Temperature	-40℃~+65℃	Rotation Range	Horizontal:0~360°(0.23°~40.6°/s) Vertical:-70°~+45°(0.23°~10.5°/s)
Working Humidity	<90%	Function	Top-mounted Payload (15KG), Gyro Stabilization, Optical Fog Penetration Machine, Pedestrian, Non-motor Vehicle and Vessel Recognition
Video	IP	Voltage	DC24V(≤55W)
Optional matching scheme	Visible Lens + Thermal Lens Visible Lens + Laser Lens	Weight	≤20kg
Visible Resolution	4MP/8MP optional	Dimensions(H*L*W)	315*245*475mm
Visible Focal Length	40x/52x/55x optical zoom optional	Mounting	Formal Installation, Four-Point Base Fixation
Thermal Resolution	640*512		
Thermal Length	20-100mm zoom/ 15-75mm zoom optional		

DIMENSIONS



T-Type Multispectral Medium-Load PTZ Camera



The MCL-PT005 is a Long Range Camera ,The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -70° to +45°.



MCL-PT005

MAIN FEATURES

Material	Aluminum Alloy(with powder coating)
Protection Class	IP66
Working Temperature	-40°C~+65°C
Working Humidity	<90%
Video	IP
Visible Resolution	4MP/8MP optional
Visible Focal Length	55x/86x optical zoom optional
Angular Resolution	0.01°
Repeat Positioning Accuracy	≤0.1°
Motor	Brushless DC Motor
&Transmission Method	Precision Spur Gear Transmission
Rotation Range	Horizontal:0~360°(0.4°~40°/s) Vertical:-70°~+45°(0.23°~10°/s)
Function	Top-Mounted Load (15KG), Gyro Stabilization, Optical Fog Penetration,
Voltage	DC24V(≤18W)
Weight	≤8kg
Dimensions(H*L*W)	293*274*175mm
Mounting	Formal Installation, Four-Point Base Fixation



Heavy-Load Dual-Spectrum PTZ Camera



The MCL-PT006 is a Long Range Camera Equipped with an observation-type thermal imaging lens, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -55° to +60°.

MAIN FEATURES

Material	Aluminum Alloy (with powder coating)
Protection Class	IP66
Working Temperature	-40°C~+65°C
Working Humidity	<90%
Video	IP
Visible Resolution	4MP
Visible Focal Length	86x optical zoom
Thermal Resolution	640*512
Thermal Length	30-150mm zoom
Motor	Brushless DC Motor
&Transmission Method	All-Metal Worm Gear Gimbal Reducer
Rotation Range	Horizontal:0~360°(0.23~30°/s) Vertical:-55°~+60°(0.3~13°/s)
Function	Top-mounted Payload (Self-locking 35KG), Gyro Stabilization, Optical Fog Penetration
Voltage	DC24V/48V(≤100W)
Weight	≤18kg
Dimensions(H*L*W)	343*387*215mm
Mounting	Formal Installation, Four-Point Base Fixation

Trispectrum Heavy-Load PTZ Camera



The MCL-PT007 is a Long Range Camera with an observation-type thermal imaging lens and laser. The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -55° to +60°.



MCL-PT007

MAIN FEATURES

Material	Aluminum Alloy (with powder coating)
Protection Class	IP66
Working Temperature	-40°C~+65°C
Working Humidity	<90%
Video	IP
Visible Resolution	4MP
Visible Focal Length	86x optical zoom
Thermal Resolution	640*512
Thermal Length	30-180mm zoom
Laser Range	3000m
Motor &Transmission Method	Brushless DC Motor + Harmonic Reducer Precision Spur Gear Transmission
Rotation Range	Horizontal:0~360°(0.01°~60°/s) Vertical:-55°~+60°(0.01°~20°/s)
Function	Top-mounted Payload (Self-locking 35KG), Gyro Stabilization, Optical Fog Penetration
Voltage	DC24V/48V(≤60W)
Weight	≤18kg
Dimensions(H*L*W)	345*335*198mm
Mounting	Formal Installation, Four-Point Base Fixation



Multi-Spectrum Small U-Turret Camera



The MCL-PT008 is a Long Range Camera Equipped with an observation-type thermal imaging lens. Laser and Rangefinder, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -60° to +70°.

MAIN FEATURES

Material	Aluminum Alloy(with powder coating)
Protection Class	IP66
Working Temperature	-40℃~+65℃
Working Humidity	<90%
Video	IP
Visible Resolution	2MP
Visible Focal Length	30x optical zoom
Thermal Resolution	640*512
Thermal Length	50mm
Laser Range	500m
Rangefinder Range	3000m
Build-in	2D Electronic Compass
Motor	Torque Motor
&Transmission Method	Direct Drive Method
Rotation Range	Horizontal:0~360°(0.09°~120°/s) Vertical:-60°~+70°(0.09°~110°/s)
Function	Top-mounted Payload (Self-locking 5KG), Gyro Stabilization, Optical Fog Penetration
Voltage	DC24V(≤50W)
Weight	≤15kg
Mounting	Formal Installation, Four-Point Base Fixation

Dragonfly Type Turret Camera



The MCL-PT009 is a Long Range Camera Equipped with an observation-type thermal imaging lens、Laser and Rangefinder, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.



MCL-PT009

MAIN FEATURES

Material	Aluminum Alloy(with powder coating)
Protection Class	IP66
Working Temperature	-40°C~+65°C
Working Humidity	<90%
Video	IP
Optional matching scheme	Visible Zoom Lens + Thermal Lens +Laser lens +Visible Fixed WDR Lens +Rangefinder Visible Lens +Thermal Lens+ Laser Lens
Visible Resolution	2MP/8MP optional
Visible Focal Length	46x/55x/92x optical zoom optional
Thermal Resolution	640*512
Thermal Length	100mm/15-75mm zoom/15-100mm zoom optional
Laser Range	500m
Rangefinder Range	3000m
Build-in	2D Electronic Compass
Motor &Transmission Method	Torque Motor Direct Drive Method
Rotation Range	Horizontal:0~360°(0.09°~120°/s) Vertical:-90°~+90°(0.09°~110°/s)
Function	Top-mounted Payload (Self-locking 10KG), Gyro Stabilization, Optical Fog Penetration
Voltage	DC24V(≤50W)
Weight	≤15kg
Mounting	Formal Installation, Four-Point Base Fixation



Trispectrum Image-Stabilized Turret Camera

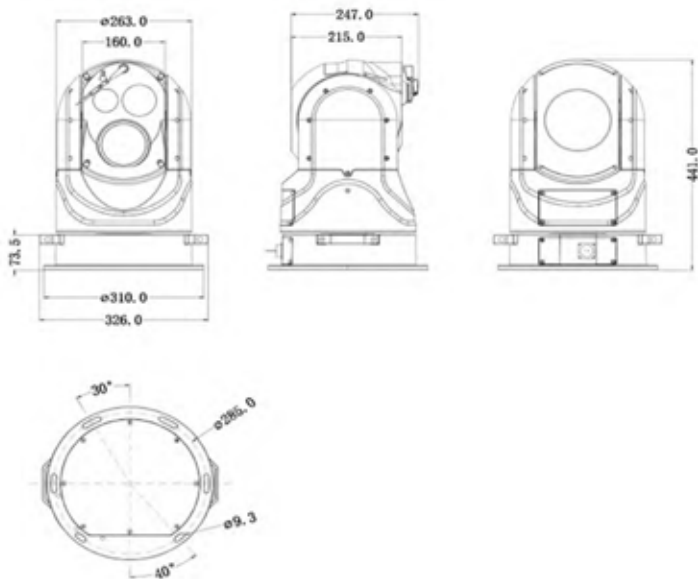


The MCL-PT010 is a Long Range Camera Equipped with an observation-type thermal imaging lens and Laser ,
The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -60° to +70°.

MAIN FEATURES

Material	Aluminum Alloy (with powder coating)	Motor	Torque Motor
Protection Class	IP66	&Transmission Method	Direct Drive Method
Working Temperature	-40℃~+70℃	Rotation Range	Horizontal:0~360°(0.05~250°/s) Vertical:-60°~+90°(0.05~150°/s)
Working Humidity	<90%	Function	Top-mounted Payload (Self-locking 2.5KG), Gyro Stabilization, Optical Fog Penetration
Video	IP	Voltage	DC24V(≤60W)
Visible Resolution	2MP	Weight	≤16kg
Visible Focal Length	46x optical zoom	Dimensions(H*L*W)	446*263*215mm
Thermal Resolution	640*512	Mounting	Formal Installation, Four-Point Base Fixation
Thermal Length	75mm		
Laser Range	800m		

DIMENSIONS



HD Laser PTZ Dome Camera



The MCL-PT011 is a Long Range Camera Equipped with an observation-type thermal imaging lens/Laser, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -27° to +90°.



MCL-PT011

MAIN FEATURES

Material Aluminum Alloy (with powder coating)

Protection Class IP66

Working Temperature -40°C~+70°C

Working Humidity <90%

Video IP

Optional matching scheme Visible Zoom Lens + Thermal Lens
Visible Lens + Laser Lens

Visible Resolution 4MP

Visible Focal Length 40x optical zoom

Thermal Resolution 640*512

Thermal Length 50mm

Laser Range 500m

Motor Stepper Motor

&Transmission Method Synchronous Belt Drive

Rotation Range Horizontal: 0~360°(0.05°~200°/s)
Vertical: -27°~+90°(0.05°~120°/s)

Voltage AC24V(≤40W)

Dimensions(H*L*W) 400*230*205mm

Weight ≤7.8kg

Mounting Hoisting / Wall-mounted Installation Optional

High-Temperature Resistant CCTV Cameras



Product Catalog

G001	96		G002	97	
High-temperature Resistant Air-cooled Dome Camera			Vertical Double-sided High-temperature Resistant Air-water Cooled PTZ Camera		
G003	98		G004	99	
High-temperature Resistant Air-water Cooled Thermal Imaging Camera			High-temperature Resistant Air-water Cooled Camera		
G005	100		G006	101	
High-temperature Resistant Air-water Cooled Camera			High-intensity Light Suppression Zoom High-temperature Resistant Air-cooled Camera		
G007	102		G008	103	
High-temperature Resistant Semiconductor Refrigeration Camera			Endoscopic Short Pinhole High-temperature Resistant Air-water Cooled Camera		
G009	104		G010	105	
High-temperature Resistant Semiconductor Refrigeration Camera			Fully Enclosed Furnace Chamber Endoscopic High-temperature Resistant Air-water Cooled Camera		
G011	106		G012	107	
Flange-mounted High-temperature Resistant Air-Water Cooled Camera			Flange-mounted Long Pinhole High-temperature Resistant Air-water Cooled Camera		
G013	108		G014	109	
High-temperature Resistant Semiconductor Refrigeration Camera			Fully Enclosed Furnace Chamber Endoscopic High-temperature Resistant Air-water Cooled Camera		
G015	110		G016	111	
Cylinder-type High-temperature In-furnace Camera			Automatic Retractable Endoscopic High-temperature Resistant Thermal Imaging Camera		



High-temperature Resistant Air-cooled Dome Camera

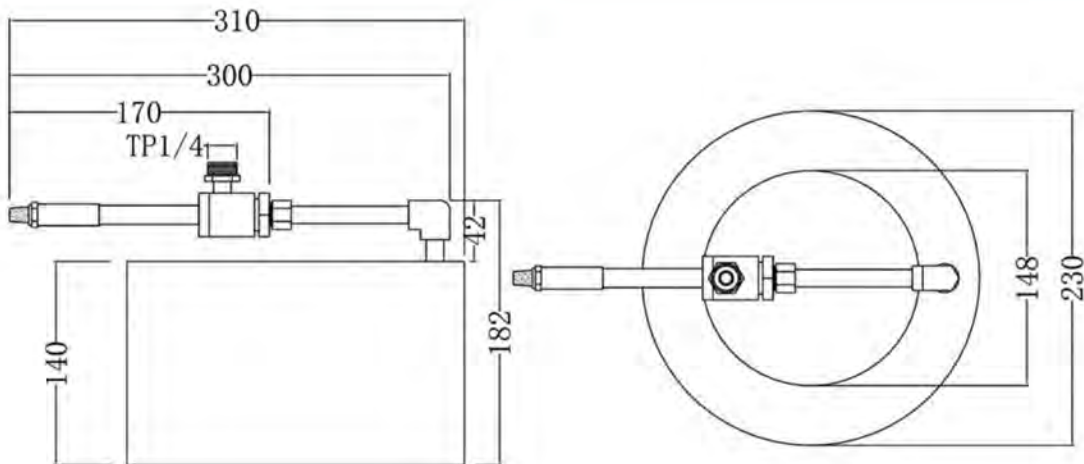


The G001 is a High-temperature Camera Equipped with an Air-cooled Dome housing, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -15° to +90°.

MAIN FEATURES

Material	Stainless Steel	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Protection Class	IP66	Rotation Range	Horizontal:0~360°(0.1°~160°/s) Vertical:-15°~+90°(0.1°~120°/s)
Working Temperature	-20℃~+100℃/+150℃ (with refrigeration tube)	Smart Event	Motion Detection,Alarm Input/Output, Tampering Alarm / Blockage Alarm, Abnormality
Working Humidity	<95%(non-condensing)	Voltage	DC36V
Video	IP	Weight	≥5kg
Visible Resolution	4MP	Dimensions	140*φ230mm
Visible Focal Length	23x optical zoom	Mounting	Wall-mounted/Ceiling-mounted Brackets for Dome Cameras, Poles, etc.
IR Range	150m		
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS



Vertical Double-sided High-temperature Resistant Air-water Cooled PTZ Camera



The G002 is a High-temperature Camera Equipped with an Air-water Cooled Housing, The spherical rotational structure allows for multi-angle observation, with a horizontal observation angle range of 0° to 360° and a vertical range of -90° to +90°.

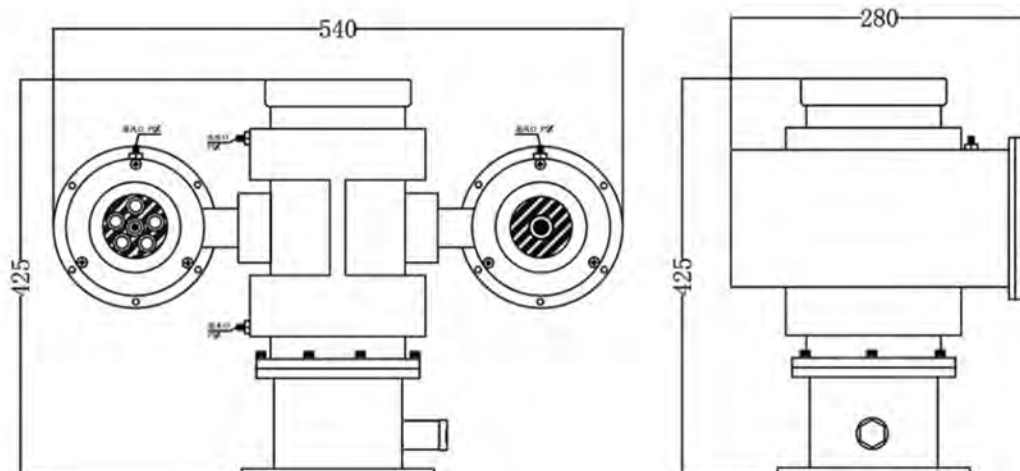


G002

MAIN FEATURES

Material	304/316L Stainless Steel	Compressed Air Flow Rate	0.3~0.7m ³ /min(0.7 m ³ /min at an air pressure of 0.4 MPa)
Protection Class	IP66	Rotation Range	Horizontal:0~360°(9°/s) Vertical:-90°~+90°(6°/s)
Working Temperature	-10°C~+100°C	Intelligent Alarm	Motion Detection, Tampering Alarm, Storage Full, Storage Error, Audio Anomaly Detection, Cross-line Detection, Region Intrusion Detection
Working Humidity	<90%	Voltage	AC220V/AC24V/DC24V optional
Video	IP	Weight	≥32kg
Visible Resolution	2MP/4MP etc	Dimensions	540*425*280mm
Visible Focal Length	4x/25x/30x etc optical zoom optional	Mounting	Wall-mounted Bracket for Heavy-duty PTZ Camera , Pole Installation, etc.
IR Range	80-100m		
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS





High-temperature Resistant Air-water Cooled Thermal Imaging Camera

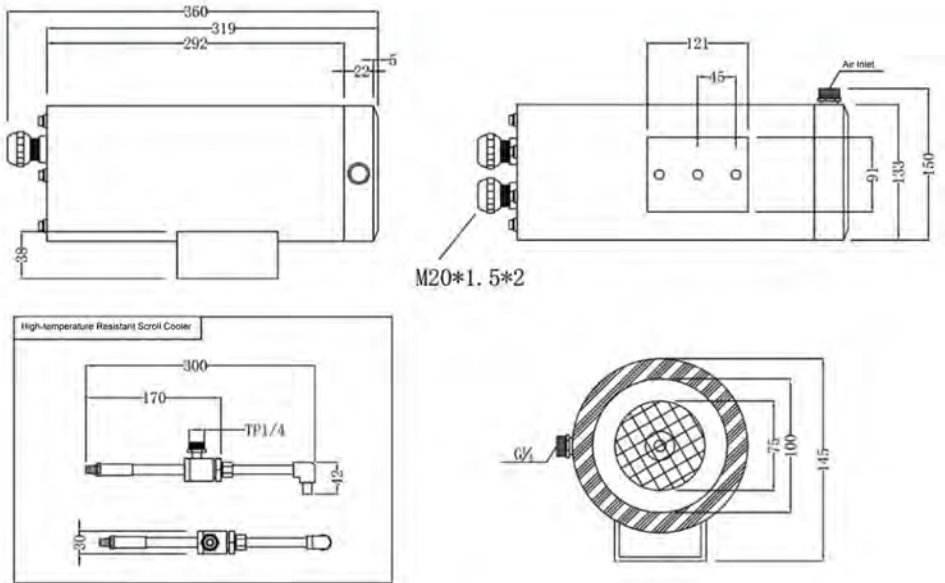


The G003 is a High-temperature Camera Equipped with an Air-water cooled Dome housing, The temperature-measuring lens enables it to have a temperature measurement range of -20°C to 550°C, with a measurement accuracy of ±2°C or ±2% of the reading (whichever is larger).

MAIN FEATURES

Material	Double-layer 304/316L Stainless Steel	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Protection Class	IP66	Temperature Museurement Range	-20°C to 150°C / 0°C to 550°C
Working Temperature	-10°C~+150°C/+200°C (with refrigeration tube)	Temperature Museurement accuracy	±2°C or ±2% of the reading (whichever is larger).
Working Humidity	<95%(non-condensing)	Voltage	DC12V
Video	IP	Weight	≥4.5kg
Thermal Resolution	384*288,640*512 etc	Dimensions	360*150*145mm
Pixel Size	17μm	Mounting	Stainless Steel Wall-mounted,Pole Installation, etc.
Spectral Range	8~14μm		
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS



High-temperature Resistant Air-water Cooled Camera



The G004 is a High-temperature Camera Equipped with an Air-water Cooled Housing, Double-layer Stainless Steel Air-water Cooled Shell, with an Exclusive Dual Refrigeration Design Scheme.



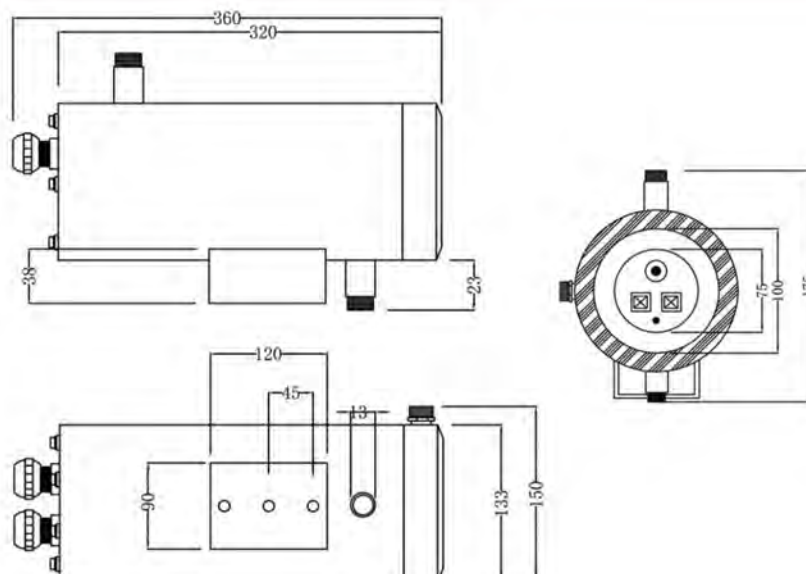
G004

MAIN FEATURES

Material	304/316L Stainless Steel
Protection Class	IP66
Working Temperature	-20°C~+150°C/+200°C (with refrigeration tube)
Working Humidity	<95%(non-condensing)
Video	IP
Visible Resolution	2MP/4MP/6MP/8MP etc
Visible Focal Length	2.8mm/4mm/6mm/8mm optional
IR Range	50m
Compressed Air Pressure	0.2~0.4Mpa

Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking, Watermarking Technology, IP Address Filtering
Intelligent Alarm	Cross-line Detection; Region Intrusion Detection; Motion Detection; Dynamic Analysis Tampering Alarm; Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Voltage	DC12V/POE optional
Weight	≥5.5kg
Dimensions	360*150*175mm
Mounting	Wall-mounted, Semi-fixed PTZ Head, Poles, etc.

DIMENSIONS





High-temperature Resistant Air-water Cooled Camera

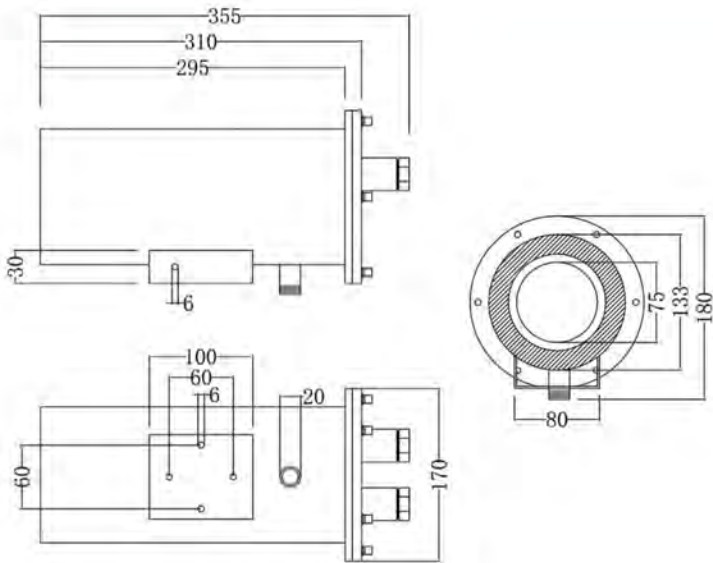


The G005 is a High-temperature Camera Equipped with an Air-water Cooled Housing, Double-layer Stainless Steel Air-water Cooled Shell, with an Exclusive Dual Refrigeration Design Scheme.

MAIN FEATURES

Material	Double-layer 304/316L Stainless Steel	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Protection Class	IP68	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking, Watermarking Technology, IP Address Filtering
Working Temperature	-20°C~~+150°C/+200°C (with refrigeration tube)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection; Motion Detection; Dynamic Analysis Tampering Alarm; Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Working Humidity	<95%(non-condensing)	Voltage	DC12V/POE optional
Video	IP	Weight	≥8kg
Visible Resolution	2MP/4MP/6MP/8MP etc	Dimensions	355*170*180mm
Focal Length	2.8mm/4mm/6mm/8mm etc	Mounting	Wall-mounted, Semi-fixed PTZ Head, Poles, etc.
IR Range	50m		
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS





High-temperature Resistant Semiconductor Refrigeration Camera

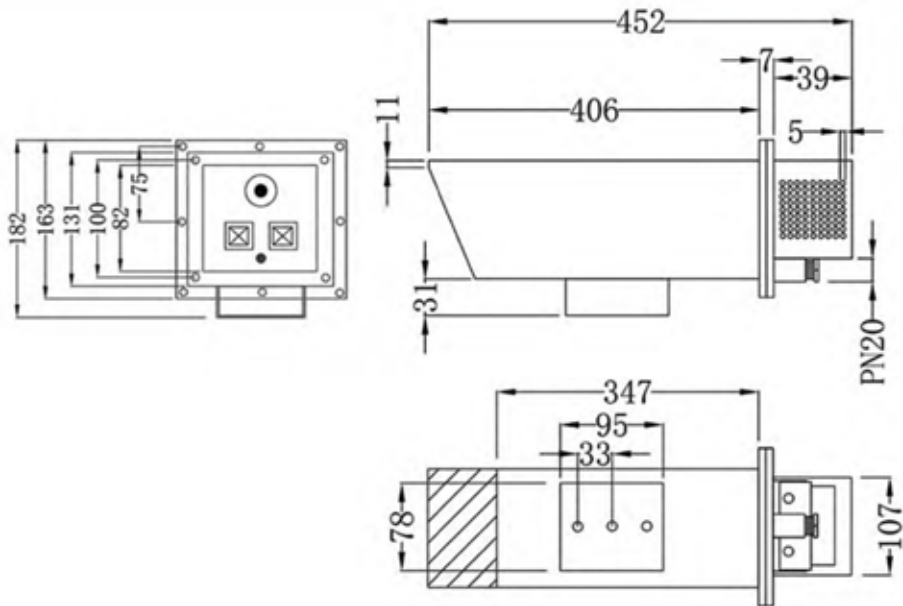


The G007 is a High-temperature Camera ,Components such as a switching power supply, control circuit, and refrigeration & heat dissipation module are integrated inside the shield.

MAIN FEATURES

Material	304/316L Stainless Steel	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking,Watermarking Technology, IP Address Filtering
Protection Class	IP66	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection;Motion Detection; Dynamic Analysis Tampering Alarm;Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Working Temperature	-20℃~+100℃	Voltage	AC220V
Working Humidity	<95%(non-condensing)	Weight	≥6.1kg
Video	IP	Dimensions	452*163*182mm
Visible Resolution	2MP/4MP/6MP/8MP etc	Mounting	Wall-mounted,Semi-fixed PTZ Head, Poles, etc.
Focal Length	2.8mm/4mm/6mm/8mm etc		
IR Range	50m		
Cooling Method	Semiconductor Refrigeration		

DIMENSIONS



Endoscopic Short Pinhole High-temperature Resistant Air-water Cooled Camera



The G008 is a High-temperature Camera Equipped with an Air-water Cooled Housing, It supports high-intensity light suppression function, which restores true colors in high-brightness environments.

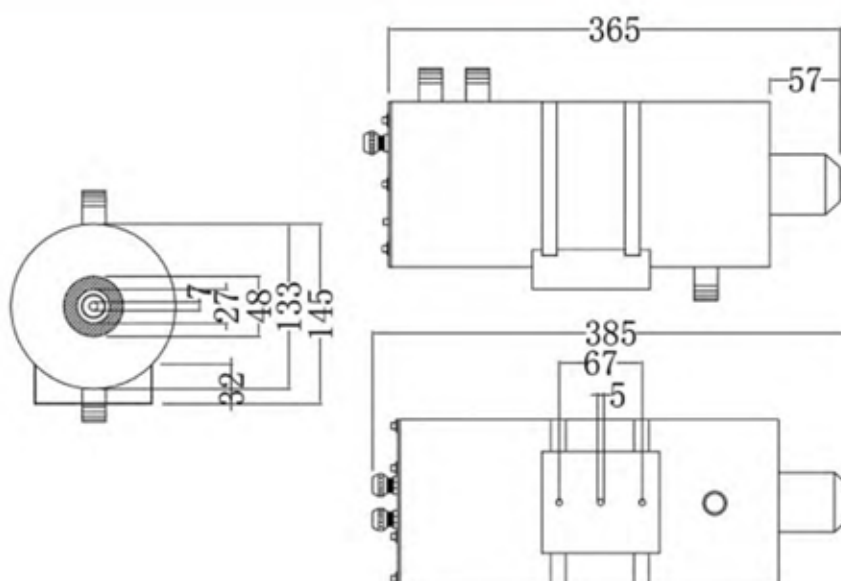


G008

MAIN FEATURES

Material	304/316L Stainless Steel	Compressed Air Pressure	0.2~0.4Mpa
Protection Class	IP65	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Working Temperature	-20°C~+100°C/+150°C (with refrigeration tube)	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking, Watermarking Technology, IP Address Filtering
Working Humidity	<95%(non-condensing)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection; Motion Detection; Dynamic Analysis Tampering Alarm; Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE optional
Visible Resolution	2MP/4MP etc	Weight	≥6.5kg
Visible Focal Length	4-20mm High-temperature Resistant Manual Lens	Dimensions	350*170*180mm
Operating Conditions	Temperature inside the furnace ≤ 300°C	Mounting	Wall-mounted, Semi-fixed PTZ Head, Poles, etc.
Cooling Method	Combined Air-Water Cooling for Temperature Reduction		

DIMENSIONS





High-temperature Resistant Semiconductor Refrigeration Camera

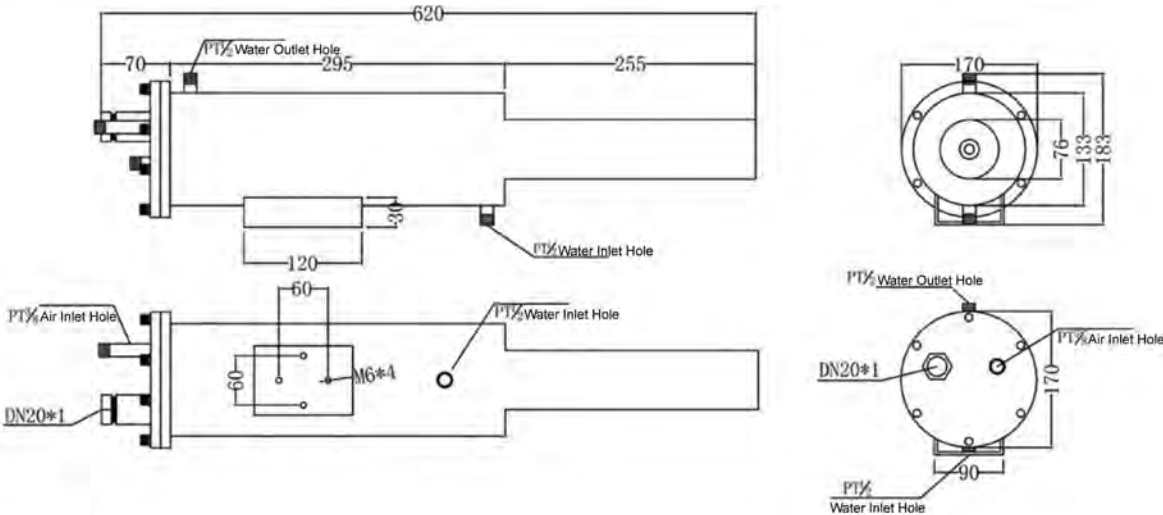


The G009 is a High-temperature Camera ,The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.

MAIN FEATURES

Material	304 Stainless Steel	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Operating Conditions	Temperature inside the furnace ≤ 600℃	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking,Watermarking Technology, IP Address Filtering
Dust Concentration in the Operating Environment	≤ 200 mg/m³ (based on cement dust as the standard)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection;Motion Detection; Dynamic Analysis Tampering Alarm;Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE
Visible Resolution	2MP/4MP etc	Weight	≥10kg
Visible Focal Length	4-20mm High-temperature Resistant Manual Lens	Dimensions	620*183*170mm
Cooling Method	Combined Air-Water Cooling for Temperature Reduction	Mounting	Wall-mounted,Semi-fixed PTZ Head, Poles, etc.
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS



Fully Enclosed Furnace Chamber Endoscopic High-temperature Resistant Air-water Cooled Camera



The G010 is a High-temperature Camera, The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.

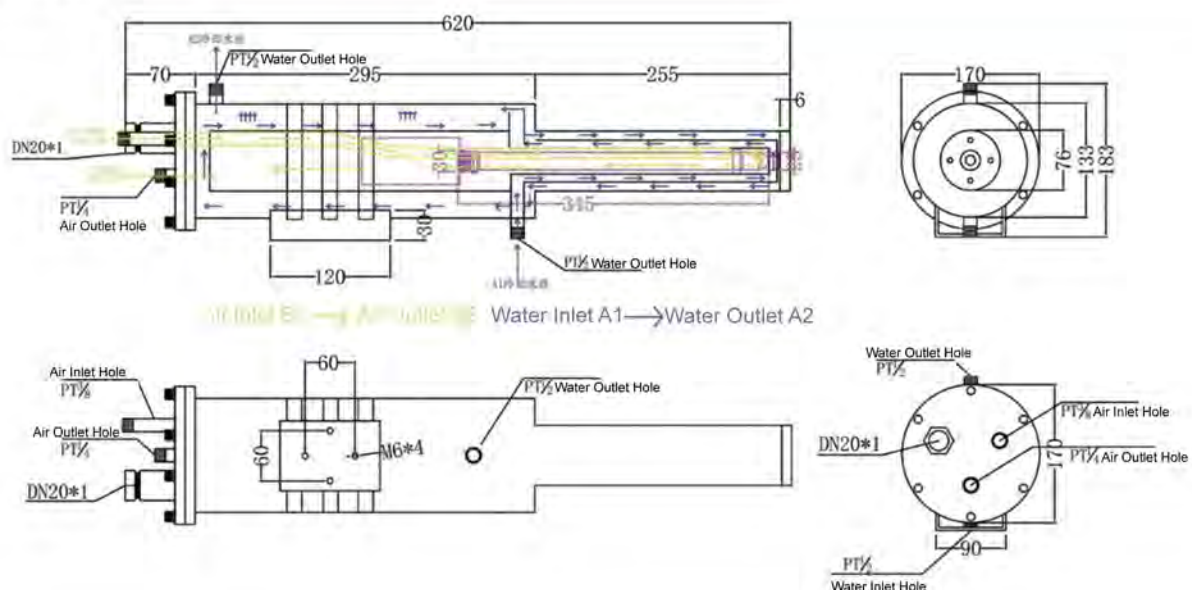


G010

MAIN FEATURES

Material	304 Stainless Steel + Local High-temperature Resistant Pot	Compressed Air Flow Rate	0.3~0.7m ³ /min(0.7 m ³ /min at an air pressure of 0.4 MPa)
Operating Conditions	Temperature inside the furnace ≤ 600°C	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking, Watermarking Technology, IP Address Filtering
Dust Concentration in the Operating Environment	≤ 200 mg/m ³ (based on cement dust as the standard)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection; Motion Detection; Dynamic Analysis Tampering Alarm; Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE
Visible Resolution	2MP/4MP etc	Weight	≥12kg
Visible Focal Length	4-20mm High-temperature Resistant Manual Lens	Dimensions	620*183*170mm
Cooling Method	Two layers of water channels + one layer of air channels, with combined air-water cooling for temperature reduction	Mounting	Wall-mounted, Semi-fixed PTZ Head, Poles, etc.
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS





Flange-mounted High-temperature Resistant Air-Water Cooled Camera

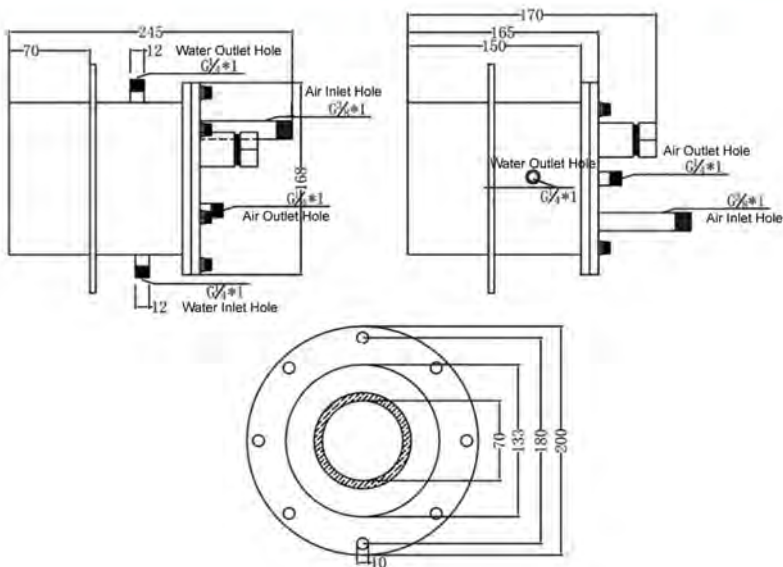


The G011 is a High-temperature Camera ,Double-layer stainless steel air-water cooled shell with an exclusive dual refrigeration design. Circulating water flows through the cooling interlayer to achieve the cooling effect.

MAIN FEATURES

Material	304/316L Stainless Steel	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Protection Class	IP68	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking,Watermarking Technology, IP Address Filtering
Working Temperature	-20°C~+100°C/+150°C (with refrigeration tube)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection;Motion Detection; Dynamic Analysis Tampering Alarm;Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE
Visible Resolution	2MP/4MP/6MP/8MP etc	Weight	≥6.5kg
Visible Focal Length	2.8mm/4mm*6mm/8mm optional	Dimensions	245*Ø200mm
Cooling Method	Combined Air-Water Cooling for Temperature Reduction	Mounting	Flange-mounted etc
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS



Flange-mounted Long Pinhole High-temperature Resistant Air-water Cooled Camera



The G012 is a High-temperature Camera, The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.



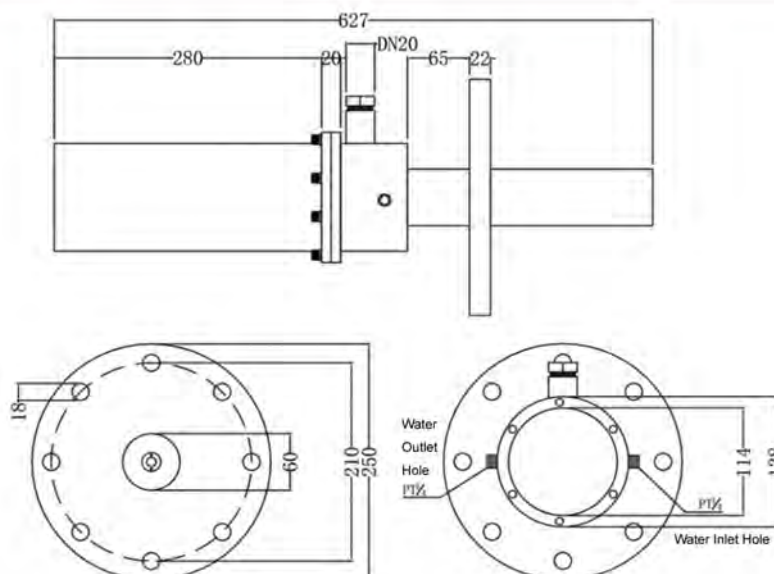
G012

MAIN FEATURES

Material	304/316L Stainless Steel
Operating Conditions	Temperature inside the furnace $\leq 600^{\circ}\text{C}$
Dust Concentration in the Operating Environment	$\leq 200 \text{ mg/m}^3$ (based on cement dust as the standard)
Video	IP
Visible Resolution	2MP/4MP etc
Visible Focal Length	4-20mm High-temperature Resistant Manual Lens
Cooling Method	Combined Air-Water Cooling for Temperature Reduction
Compressed Air Pressure	0.2~0.4Mpa

Compressed Air Flow Rate	0.3~0.7m ³ /min(0.7 m ³ /min at an air pressure of 0.4 MPa)
General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking, Watermarking Technology, IP Address Filtering
Intelligent Alarm	Cross-line Detection; Region Intrusion Detection; Motion Detection; Dynamic Analysis Tampering Alarm; Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Voltage	DC12V/POE
Weight	$\geq 10\text{kg}$
Dimensions	627* $\varnothing$ 250mm
Mounting	Flange-mounted etc

DIMENSIONS





High-temperature Resistant Semiconductor Refrigeration Camera

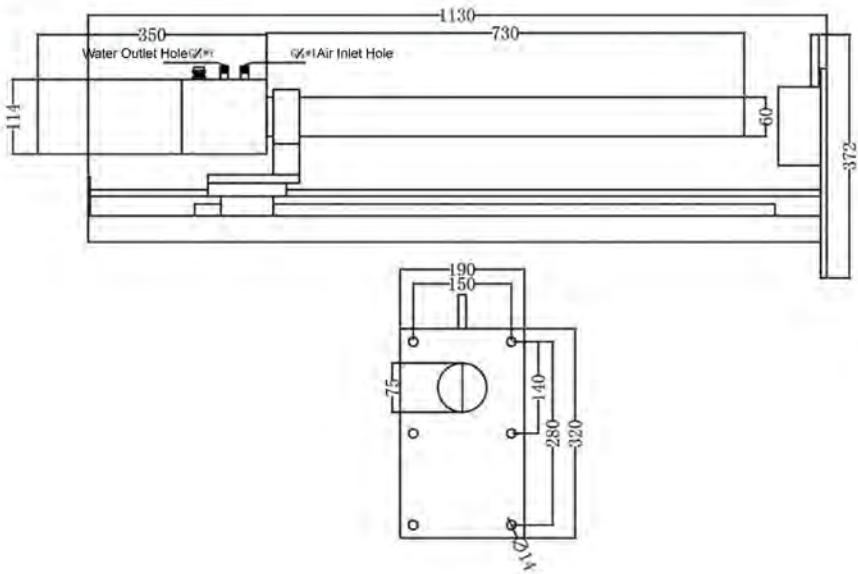


The G013 is a High-temperature Camera ,The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.

MAIN FEATURES

Material	304 Stainless Steel + Local High-temperature Resistant Pot	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Operating Conditions	Temperature inside the furnace ≤ 1000℃	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking,Watermarking Technology, IP Address Filtering
Dust Concentration in the Operating Environment	≤ 200 mg/m³ (based on cement dust as the standard)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection;Motion Detection; Dynamic Analysis Tampering Alarm;Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE
Visible Resolution	2MP/4MP etc	Weight	≥30kg
Visible Focal Length	4-20mm/ 3-10mm High-temperature Resistant Manual Lens	Dimensions	1130*372*190mm
Cooling Method	Combined Air-Water Cooling for Temperature Reduction	Mounting	Weld together with the matching mounting base plate to the reserved hole of the furnace.
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS



Fully Enclosed Furnace Chamber Endoscopic High-temperature Resistant Air-water Cooled Camera



The G014 is a High-temperature Camera, The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.

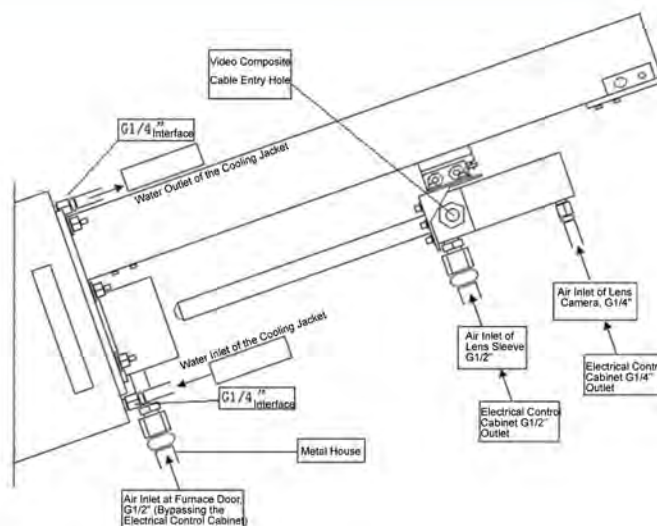


G014

MAIN FEATURES

Material	304 Stainless Steel + Local High-temperature Resistant Pot	Compressed Air Flow Rate	0.3~0.7m ³ /min(0.7 m ³ /min at an air pressure of 0.4 MPa)
Operating Conditions	Temperature inside the furnace ≤ 1500°C /2000°C Customizable	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking, Watermarking Technology, IP Address Filtering
Dust Concentration in the Operating Environment	≤ 200 mg/m ³ (based on cement dust as the standard)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection; Motion Detection; Dynamic Analysis Tampering Alarm; Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE/AC220V
Visible Resolution	2MP/4MP etc	Weight	≥40kg
Visible Focal Length	4-20mm/ 3-10mm High-temperature Resistant Manual Lens	Dimensions	1200*380*190mm
Cooling Method	Combined Air-Water Cooling for Temperature Reduction	Mounting	Weld together with the matching mounting base plate to the reserved hole of the furnace.
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS





Cylinder-type High-temperature In-furnace Camera

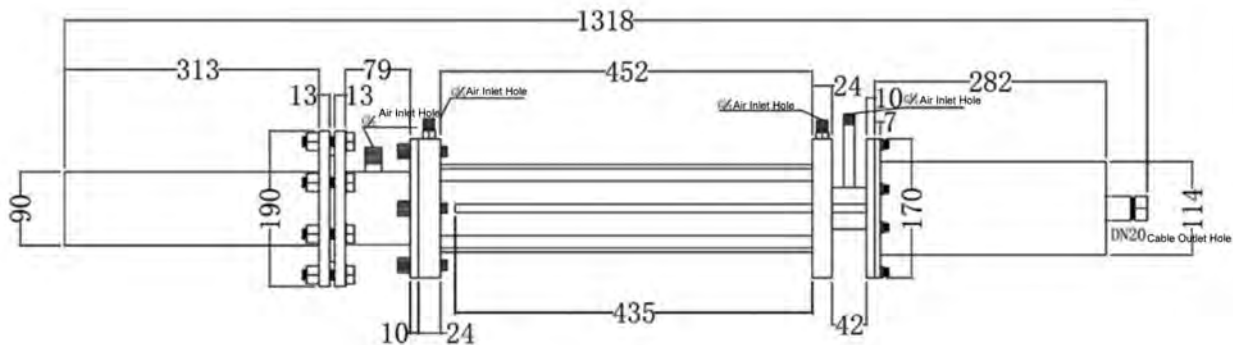


The G015 is a High-temperature Camera ,The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.

MAIN FEATURES

Material	304 Stainless Steel + Local High-temperature Resistant Pot	Compressed Air Flow Rate	0.3~0.7m³/min(0.7 m³/min at an air pressure of 0.4 MPa)
Operating Conditions	Temperature inside the furnace ≤ 1500℃	General Function	Anti-flicker, Dual Stream, Rotation, Heartbeat, Mirroring, Password-protected Video Masking,Watermarking Technology, IP Address Filtering
Dust Concentration in the Operating Environment	≤ 200 mg/m³ (based on cement dust as the standard)	Intelligent Alarm	Cross-line Detection; Region Intrusion Detection;Motion Detection; Dynamic Analysis Tampering Alarm;Network Cable Disconnection; IP Address Conflict; Unauthorized Access
Video	IP	Voltage	DC12V/POE
Visible Resolution	2MP/4MP etc	Weight	≥30kg
Visible Focal Length	4-20mm/ 3-10mm High-temperature Resistant Manual Lens	Dimensions	1318*Ø190mm
Cooling Method	Air Cooling	Mounting	Flange-mounted etc
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS



Automatic Retractable Endoscopic High-temperature Resistant Thermal Imaging Camera



The G016 is a High-temperature Camera, The camera lens of this system equipment can be directly extended to the observation hole on the furnace wall to monitor the operation of workpieces inside the furnace, as well as the conditions of materials, flame shape, and other related situations.

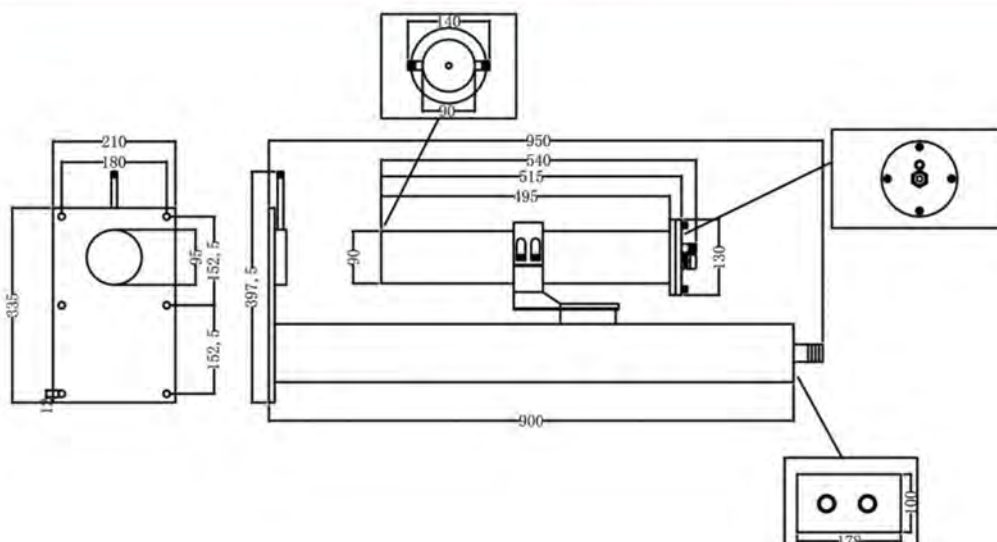


G016

MAIN FEATURES

Material	304 Stainless Steel + Local High-temperature Resistant Pot	Compressed Air Flow Rate	0.3~0.7m ³ /min(0.7 m ³ /min at an air pressure of 0.4 MPa)
Operating Conditions	Temperature inside the furnace ≤ 1500°C /2000°C Customizable	Temperature Measurement Tools	Arbitrary Fixed Point, Full-Screen High /Low Temperature Capture, Central Point Temperature Measurement Line/Area Analysis Tool, Manual Temperature Range Selection, Radar Temperature Measurement Tool
Dust Concentration in the Operating Environment	≤ 200 mg/m ³ (based on cement dust as the standard)	Interface Protocols	ONVIF, GB28181, ModbusTCP (supports transmission of regional temperature information)
Video	IP	Voltage	DC12V/AC220V
Thermal Resolution	384*288/640*512 optional	Weight	≥25kg
Temperature Measurement Range	0°C to 400°C / 400°C to 1500°C	Dimensions	950*398*210mm
Temperature Measurement accuracy	±3°C@(0°C~100°C) /±2°C or ±2% of the reading (whichever is larger).	Mounting	Weld together with the matching mounting base plate to the reserved hole of the furnace.
Compressed Air Pressure	0.2~0.4Mpa		

DIMENSIONS





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