

2MP Ex-Proof Anti-Corrosion Fixed Mini Dome IR Camera

Explosion Proof Mark

Ex II 2G Ex db op is IIC T6 Gb
II 2D Ex tb op is IIIC T80° C Db IP68
IP66

Material

316L stainless steel enclosure and anti-corrosion spray treatment, protecting the camera from damage caused by sparks or corrosive materials

Explosion-proof design

the camera has passed international ATEX certifications, and can be used in gas and dust hazardous scenarios

Ingress Protection

IP68/IK08 water resistant and vandal proof, preventing water ingress for outdoor use



Key Features

2MP

Ultra
H.265



- Default: Metal+Plastic, M: Metal Housing
- Up to 1920x1080@30fps
- S+265/H.265/H.264
- Min. illumination Color: 0.02Lux@F2.0
- Smart IR, IR Range: 30m
- Support tripwire and perimeter
- Built-in Mic, SD Card Slot, Reset Button
- Operating Conditions -40°C~65°C, 0~95% RH
- POE, IP68



Specification

Camera

Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR
Shutter Time	1s to 1/100,000s
Day& Night	Dual IR Cut Filter with Auto Switch
WDR	Digital WDR
Angle Adjustment	Bracket,pan:0° to 360°,tilt:0° to 75°,rotate:0° to 360°

Lens

Lens Type	Fixed
Focus	2.8mm/4mm
Lens Mount	M12
Aperture	F2.0,Fixed
FOV	Horizontal field of view:99.7°(2.8mm)/83.3°(4mm) ; Vertical field of

Illuminator

IR LEDs	2
IR Range	Up to 50 m
Wav	850nm
White LEDs/Warmlights	N/A

Compression Standard

Video Compression	S+265/H.265/H.264
Video BitRate	32Kbps~6Mbps
Audio Compression	G.711A/G.711U/ADPCM_D
Audio BitRate	8K,32K,48Kbps

Image

Max. Resolution	1920x1080
Main Stream	PAL:25fps(1920x1080,1280x720,704x576,640x480) NTSC:30fps(1920x1080,1280x720,704x480,640x480)
Sub Stream	PAL:25fps(704x576,704x288,640x360,352x288) NTSC:30fps(704x480,704x240,640x360,352x240)
Third Stream	N/A
Image Setting	Saturation,brightness,contrast,sharpness,adjustable by client software or web browser
Image Enhancement	BLC/3D DNR/HLC
ROI	N/A
OSD	16x16,32x32,48x48,adaptable size,Letters Such as Week,Date,Time,Total 1 Regions
Picture Overlay	N/A
Privacy Mask	Yes,4 regions
Smart Defog	Yes

Feature

Alarm Trigger	Motion Detection,Mask Alarm,IP Address Conflict
Video Analytics	Tripwire,Perimeter
Early Warning (EW)	N/A

Network

ANR	Yes(Only Support Tiandy ANR NVR)
Protocols	HTTP,TCP/IP,ICMP,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,UPnP,UDP
System Compatibility	ONVIF(PROFILE S/T/G),SDK,CGI,Milestone,P2P(Mutually exclusive with Profile G)
Remote Connection	2
Client	Easy7,EasyLive
Web Version	Web6

Specification

Interface	
Communication Interface	1 RJ45 10M/ 100M self adaptive Ethernet port
Audio I/O	Mic in
Alarm I/O	N/A
Speaker	N/A
Reset Button	Yes
On- board storage	Built-in MicroSD card slot, up to 512 GB
General	
Power	DC 12V±25%, POE (IEEE 802.3af)
Dimensions (L × W × H)	135×135×96mm
Net Weight	≤2kg
Material	Stainless Steel 316L
Working Environment	-40°C ~ 60°C , Humidity: ≤100% RH (non-condensing)
Storage Environment	-40°C ~ 60°C , Humidity: ≤100% RH (non-condensing)
Surge Protection	2KV
Ingress Protection	IP68
Inlet Hole	1 Entry hole G1/2"
Specification	
Installation Method	Wall or column platform installation
Infrared Distance	30m
Approval	
Protection	IK08 (IEC 62262:2002), IP68 (IEC 60529-2013)
Explosion-Proof Protection	ATEX: II 2G Ex db IIC T6 Gb/ II 2D Ex tb IIIC T80°C Db IP68 IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db IP68 ; For explosive gas atmospheres, the maximum surface temperature is 85°C; For flammable dust atmospheres, the maximum surface temperature is 80°C; IIC: for explosive gas atmospheres other than mines susceptible to firedamp ; For explosive gas mixture atmospheres: Zone 1, Zone 2, Zone 21, Zone 22.

Application Scenarios

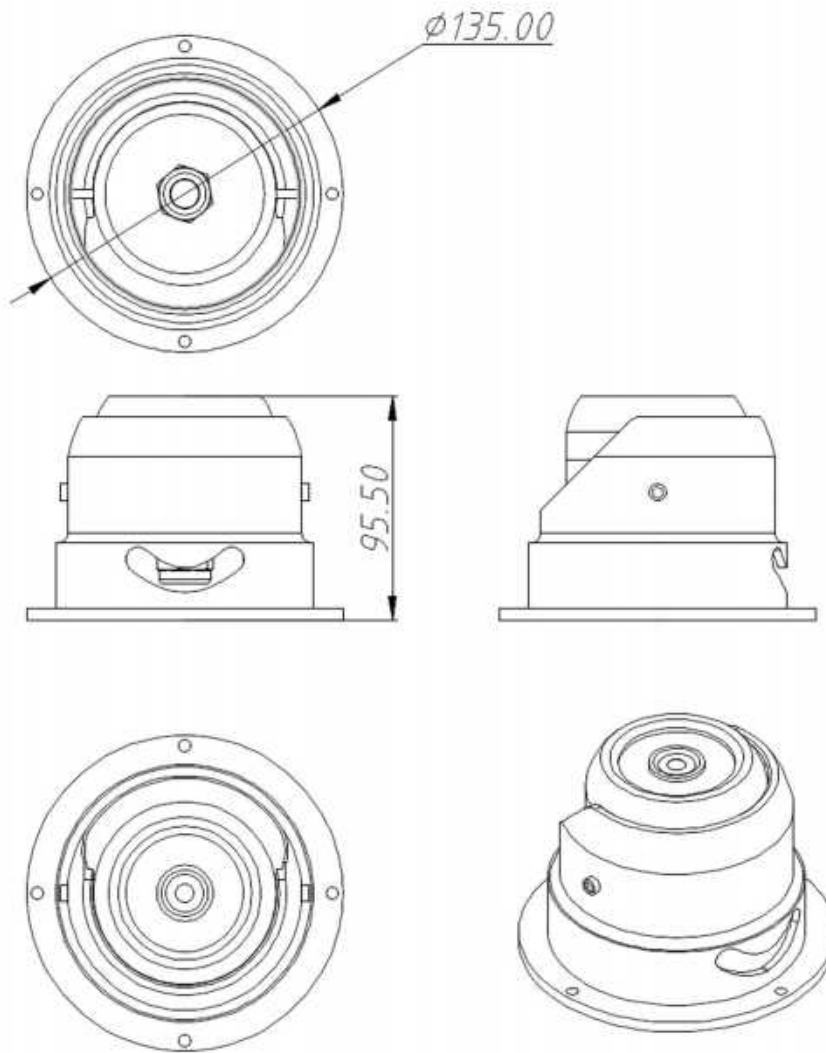


Other application areas : desert drill sites , offshore rigs , mechanical engineering , biogas plants , military, electric power, hydraulic power, railway, metallurgy, natural gas extraction, drilling platform, aerospace, marine, armed police, border defense , vessels , fireworks production , ports etc

Group II (Gas & Dust)	ATEX / IECEx / EAC-Ex				
Zone	0	1	2	21	22
Application	✗	✓	✓	✓	✓

Group I (Mining)	ATEX / IECEx..	
Category	Ma	Mb
Application	✗	✗

DIMENSIONS



Accessories



Ex-Proof Hose



Ex-Proof Junction Box