

## 2MP 33X Explosion Proof Anti-Corrosion WDR PTZ Dome Camera

### Explosion Proof Mark

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

### Explosion-proof design

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

### Material

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

### Ingress Protection

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



### Key Features

2MP

Ultra  
H.265



WDR



IP68



IK10



- 360° horizontal continuous rotation, speed up to 300°/s.
- Multiple scan modes, rich and practical functions.
- Metal base and movement holder.
- Optional analog video, audio input and output, alarm input and output, RS485 interface.
- Resolution :up to 2MP (1920×1080) ,Output Full HD : 1920×1080@30fps Live Image. Support H.265/H.264/MJPEG Video . Compression Algorithm ,Multi-level Video Quality Configuration.
- Encoding Complexity Settings. Starlight Low Illumination, 0.001Lux/F1.5(color),0.0005Lux/F1.5(B/W) ,0 Lux with IR.
- 33X Optical Zoom, 16X Digital Zoom.
- Smart Detection: Line Crossing, Intrusion, Region Enter/Exit .
- Support 3-stream Technology, each stream can be independently configured with resolution and frame rate ICR automatic switching, 24 hours day and night monitoring .
- Support Backlight Compensation, Automatic Electronic Shutter ,adapt to different monitoring environment.
- Support 3D Digital Noise Reduction, High light Suppression, Electronic mage Stabilization, 120dB Optical.
- Wide Dynamic Support 255 Preset,8 patrols. Support Timed Capture and Event Capture Support One-click watch and One-click cruise functions Support 1 audio input and 1 audio output.



# Specification

Size	<b>Sensor</b>
	1/2.8" progressive scan CMOS
Min Illumination	Color:0.001 Lux @(F1.5,AGC ON);B/W:0.0005Lux @(F1.5,AGC ON)
Focal Length Aperture Close Focus Distance Angle of View	<b>Lens</b>
	5.5-180mm, 33X Optical Zoom
	F1.5-F4.0
	100mm-1000mm (wide-tele)
Video Compression Audio Compression Main Resolution Exposure Mode Focus Mode Image Optimization Day/Night Exposure Compensation	<b>Other</b>
	H.265/H.264/MJPEG
	G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Horizontal Rotation Vertical Rotation Preset Position	Auto Exposure/Aperture Priority/Shutter Priority/Manual Exposure
	Auto focus/one time focus/manual focus/semi-auto focus
	Corridor mode, saturation, brightness, contrast, sharpness
	adjusted by IE/ Clie n
Power Dimensions (L × W × H) Net Weight Material Working Environment Storage Environment Surge Protection Ingress Protection	<b>PTZ</b>
	360°, 0.1°/s ~ 200°/s
	0° ~ 90°, 0.1°/s ~ 120°/s
	255, 300°/s, ±0.5°
Protection Explosion-Proof Protection	<b>General</b>
	AC 100-240V
	238× 312 × 388mm
	12kg
Approval	Stainless Steel 316L
	-40°C ~ 60°C , Humidity: ≤100% RH (non-condensing)
	-40°C ~ 60°C , Humidity: ≤100% RH (non-condensing)
	2KV
Explosion-Proof Protection	IP68
	IK08 (IEC 62262:2002), IP68 (IEC 60529-2013)
	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



Oil & Gas



Refineries & Fuel Depots



Surveillance & Security



Chemie & Pharma



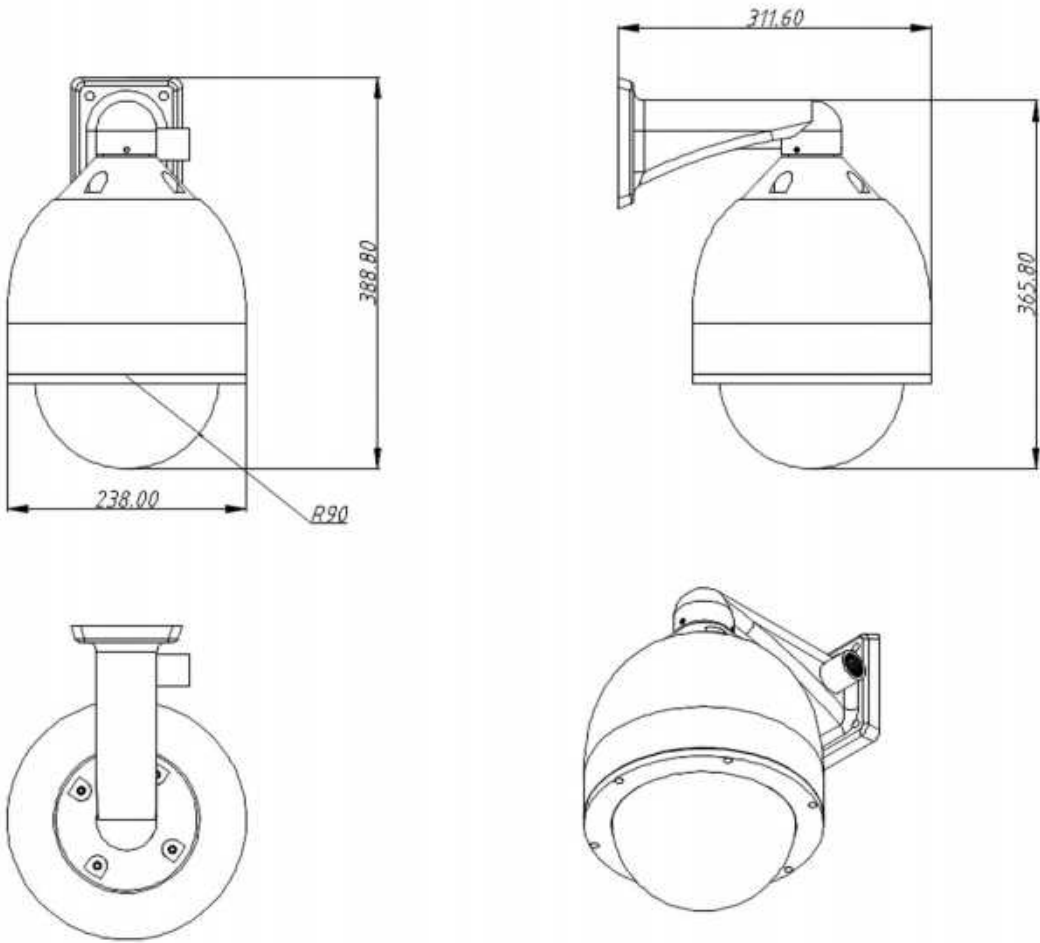
Oil tankers

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