



Explosion-proof Anti-Corrosion IR PTZ Starlight Dome WDR Analogue Camera

Explosion Proof Mark

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

- Privacy mask
- Image mirror
- Dynamic noise reduction
- BLC,HLC, DSS
- Flickerless sharpless
- Temperature display
- 360° horizontal continuous rotation, speed up to 300°/s.

2MP



WDR



IP68



IK 10



INFR

SPECIFICATION

KDQ-EX-PTZ203602(A)

Mage Sensor	1/2.5" 2.0Megapixel CMOS NVP2441H+SONY322
Lens Parameter	Lens Zoom: 36X 3.9~140.4mm; FNo: 1.6~3.5
Max. Resolution	1920 (H) *1080 (V)/1200TV Line/1920*1080p(AHD/CVI/TVI)
Frames per second	25/30
Min. Illumination	Color: 0.01Lux@(F1.2, AGC ON), 0Lux with IR Black & White: 0.001Lux@(F1.2, AGC ON),0Lux with IR
Output Format	PAL/NTSC : 1920 (H) *1080 (V)
Video output:	1.0Vp-p,75Ω
Focus Mode	Bus control focus/Button control focus
Control connector	Bys contol DC±3V~±12V
Denoise	2D/3D
Backlight compensation	On/Off
Auto IRIS	YES
AF mode	Normal/Zoom Trigger/Interval
AWB mode	Auto/Manual/outdoor/indoor
AE mode	Auto/shutter priority/IRIS priority/manual
Electronic shutter	1/25s~1/10000s
IR cut mode	Auto/day/night
Privacy Zone	24Mask
OSD	Title/Display
Protocol	Sony, Pelco-D

PTZ	
Horizontal Rotation	360°, 0.1°/s ~ 200°/s
Vertical Rotation	0° ~ 90°, 0.1°/s ~ 120°/s
Preset Position	255, 300°/s, ±0.5°
General	
Power	AC 100-240V
Dimensions (L × W × H)	238*312*388 mm
Net Weight	12kg
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

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



Oil & Gas



Refineries & Fuel Depots



Surveillance & Security



Chemie & Pharma



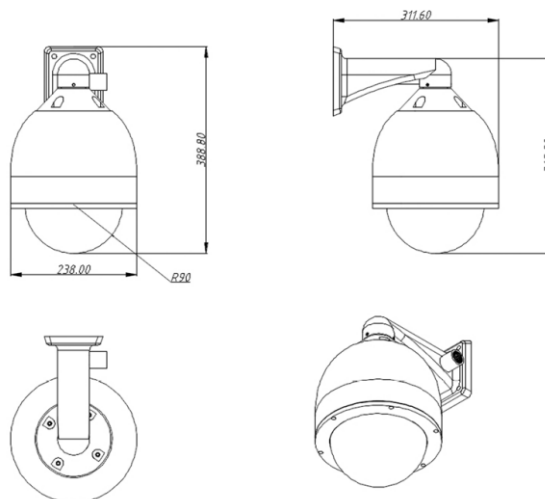
Oil tankers

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	✗	✗

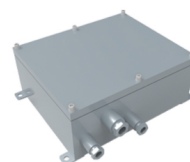
DIMENSIONS



ACCESSORIES



Ex-Proof Hose



Anti-Corrosion Junction Box



Explosion Proof Junction Box(Optional)