



4MP 10X Explosion Proof Anti-Corrosion PTZ IR Dome IP 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

4MP

Ultra
H.265



- Up to 5 megapixel high resolution
- Max. 2592*1944@25fps(50HZ/60HZ)
- Support RTSP and Onvif (17.2 with profile S)
- Compatible with many third-party NVRs and CMS
- Supports multiple Web Browsers: IE/Firefox/Chrome/Safari etc.
- P2P Cloud service
- Free PC Client Software and Smartphone APP(P2P)
- Support Alarm Snapshot to Email and FTP
- Day/Night, AWB/MWB,BLC, 3D-DNR,Shutter, IR-CUT D-WDR,Mirror, Image Flip etc. Functions
- 10X 5-50mm Motor Lens
- IR range: up to 40m
- Water-proof: IP68
- Pan:0~355°(35°/s)/Tilt:0~90°(25°/s)/Zoom 12X

SPECIFICATION

KDQ-EX-PTZ4010IR04(N)

Camera	
Image Sensor:	1/3" Cmos Sensor
Signal System:	PAL/NTSC
Min. Illumination:	Color: 0.05lux @(F1.2, AGC ON), 0 lux with IR
Shutter Time:	1/25 s to 1/10,000 s
Lens:	10x 5-50 mm Motor Lens
Day&Night:	IR cut filter with auto switch
Image Enhancement:	BLC/3D DNR/D-WDR
Motion Detection	Support
Intelligent Detection(AI)	Human Detection
Privacy Protection	Support(4 Self-customized Areas)
Wather-Proof:	IP68
Illumination for Infrared	
Switching:	1~5Lux
Infrared Wavelength:	850nm
Mimimum Illumination:	0 Lux(IR ON)
IR Range:	2PCS LEDS//40m IR
Detection Distance	80-1000m
Observe Distance	30-400m
Compression Standard	
Video Compression:	H.265/H.264/MJPEG
Video Bit Rate:	512Kbps~6144Kbps(main stream H.265) 64kbps~2048Kbps(sub stream H.265)
Audio Compression:	G711U/G711A
Dual Streams:	Yes
Triple Streams:	/
Image	
Max. Image Resolution:	2560*1440(4MP)@25fps
Frame Rate:	25fps(4MP).MAX main stream 25fps (D1) .MAX sub stream
Image Settings:	3D NR, D-WDR, Image Flip, Saturation, Brightness, Contrast, Sharpness adjustable via client software, web browser or Smartphone App
Day/Night Switch:	EXT/Day/Night/Auto/Time
Network	
Network Protocols:	HTTP, TCP/IP, IPv4/v6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS,DDNS,IP Search(Support P2P, NVR, NVS etc.)
System Compatibility:	ONVIF(17.2 with profile S)
On-line Viewing	Max. Support 2 Users Simultaneously
Interface	
Communication Interface:	1 RJ45 10M / 100M Ethernet Interface
RCA Audio Interface:	RCA Audio input/output Interface (Optional)
Alarm in/out interface:	Support(1ch)(Optional)
DC Power Plug:	DC Power Femate Interface
PTZ	
Angle	Pan:0~355° / Tilt:0~90°
speed	Pan: about 35°/s / Tilt: about 35°/s
preset	support 16 preset
General	
Operating Conditions:	-10 °C ~ 60 °C Humidity 95% or less (non-condensing)
Power Supply:	12 V DC ± 10%/PoE(Optional) (The maximum power supply distance of POE is 80m.)
Power Consumption:	12 VDC ± 10%, Max Power Comsumption Less than 8W (When the infrared lamps turn on)
Weight:	4KG
Verification to	BS EN 62676-1-1-2014 – Video surveillance systems for use in security applications

APPLICATION SCENARIOS



Oil & Gas



Refineries & Fuel Depots



Surveillance & Security



Chemie & Pharma



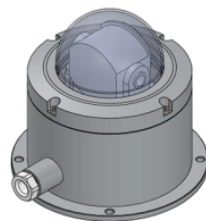
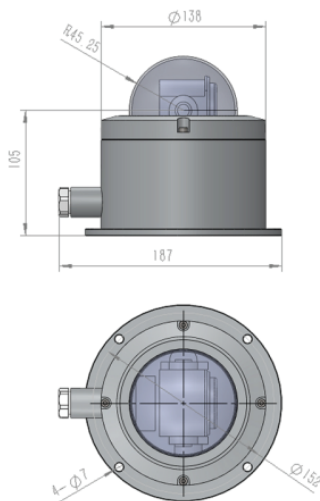
Oil tankers

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



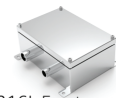
ACCESSORIES



Bracket



Ex-Proof Hose



316L Exe type JB



Exd type JB(optional)