



Features

- Applicable for flammable gas environments Zone 1 & Zone 2 and combustible dust environments Zone 20, Zone 21, & Zone 22
- Suitable for Class IIA, IIB, and IIC environments with T1~T6 temperature group compliance
- Made from high-quality 304 or 316L stainless steel
- Compact and lightweight design to support flexible installation
- 5MP HD resolution for clear and exquisite image quality
- 15m to 25m IR distance captures high-quality images even in bad lighting conditions
- Supports 3D digital noise reduction (DNR) to eliminate image graininess
- Utilizes H.265+ video compression technology to ensure ultra-low bit rate without sacrificing quality
- Explosion-proof, dust-proof, and corrosion-proof

Applications

- Oil & gas fields
- Chemical processing plants
- Fuel tank farms
- Steamships & cargo vessels
- Offshore drilling platforms
- Gas stations
- Military bases
- Pharmaceutical & medical labs

Specifications

| CERTIFICATION | | |
|---------------------------|---|--|
| Marking | Ex d IIC T6 Gb/EX tD A21 IP68 T80°C | |
| Certificate No. | CNEEx20.6166X | |
| CAMERA | | |
| Image Sensor | 1/2.8" SC5339P GK7205V300 CMOS | |
| Max. Resolution | 5MP | |
| Lens | 1.39 mm | |
| Electronic Shutter | 1/50s to 1/10000s | |
| Min. Illumination | Color | 0.01 lux @F1.2 |
| | B/W | 0.001 lux @F1.2 |
| WDR | Support | |
| DNR | 2D/3D | |
| ILLUMINATOR | | |
| IR Distance | 15-25 m (49-82 ft) | |
| Wavelength | 850 nm | |
| IR On/Off Control | Auto switch (≤10 lux) | |
| VIDEO | | |
| Video Compression | H.265+ (compatible with H.265/H.264) | |
| Image Output | Main Stream | 2880 × 1616 @25 fps; 2560 × 1440 @25 fps; 2304 × 1295 @25 fps; 1920 × 1080 @25 fps |
| | Sub Stream | 800 × 448 @25 fps |
| Stream Capability | 2 streams | |
| OSD | Support | |
| NETWORK | | |
| Protocols | RTSP, FTP, DHCP, NTP, UPnP, etc. | |
| Interface Protocol | ONVIF | |
| EVENTS | | |
| Smart Functions | Motion detection, Face detection, Human recognition | |

Specifications

| ELECTRICAL | |
|-------------------------------|---|
| Power Supply | DC 12 V or PoE |
| Working Current | ≤1 A |
| Cable Output | Integrated cable, 1.5 m (4.9 ft) |
| ENVIRONMENTAL | |
| Atmospheric Pressure | 80-106 KPa |
| Operating Temperature | -30°C to +70°C (-22°F to +158°F) |
| Operating Humidity | ≤95% RH (+25°C) |
| MECHANICAL | |
| Material | 304 or 316L stainless steel |
| Surface Treatment | Stainless steel original color, Electropolishing (optional) |
| Ingress Protection | IP68 |
| Cable Thread Hole | M20 |
| Dimensions (Ø x H) | Φ155 mm × 97.12 mm (6.1" × 3.8") |
| Weight | ≤4 kg (8.8 lb) |
| Method of Installation | Ceiling mounting |

Dimensions

