

CZ6417 Series 5MP 360° Panoramic Explosion Proof Fisheye Fixed Dome Camera with Light

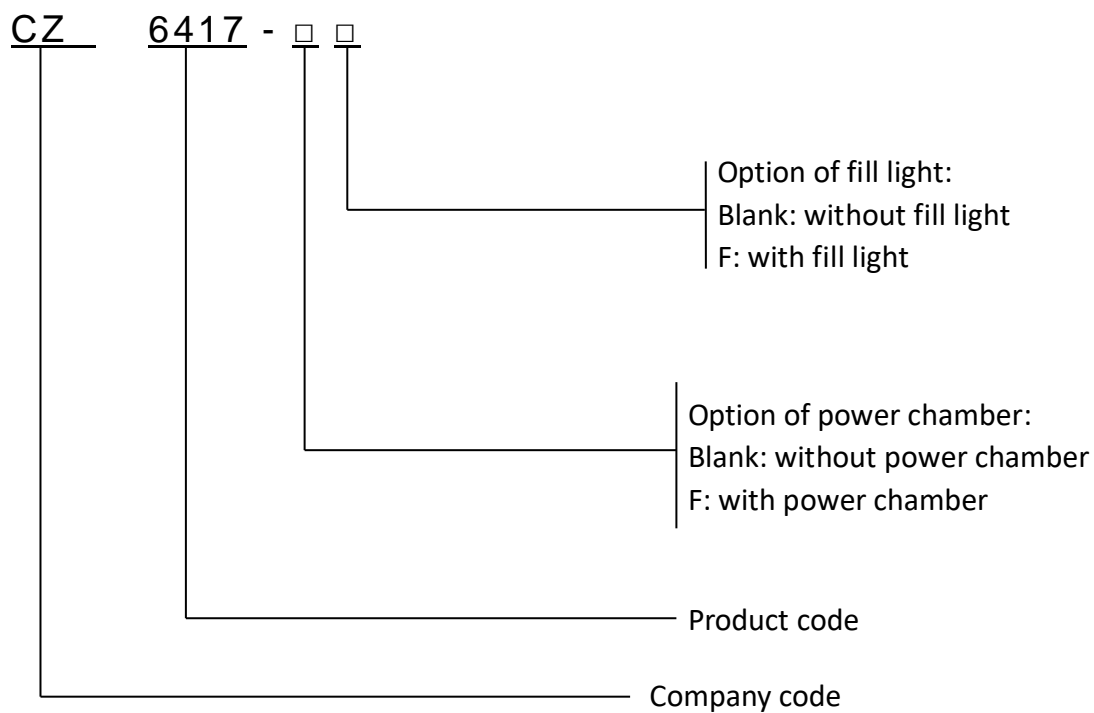


Description:

The ATEX & IECEX certified CZ6417 series are ZUOAN designed classic explosion-proof fisheye camera, which can load various camera. The explosion proof camera can apply for Zone 1 and Zone 2 hazardous areas that explosive mixture of group IIA, IIB, IIC, T1~T6 gases, vapors and air may exist, Zone 21 and Zone 22 hazardous areas that explosive dust may exist. It's applicable for refining and chemical industry, oil extraction, gas production, fireworks production, grain production and storage, petrol station and so on.

Main Features:





- ATEX, IECEx certified
- Application: gas zone 1, zone 2; dust zone 21, 22.
- Ex d II CT6 Gb/ Ex tD A21 IP68 T80°C
- Ultra-wide angle lens, 360° panoramic image,
- Stainless steel 304 or 316L
- Optional electropolished or corrosion resistant paint finish
- Enclosure Protection: IP68
- 1/2.8", progressive scan, CMOS
- 5MP, Max. 2592*1944 resolution
- Fisheye, panoramic and PTZ view
- Smart IR, up to 10m IR distance
- 2D/3D DNR, ROI, ONVIF Conformance
- Ultra265, H.265, H.264, MJPEG
- DC12V,PoE.Wide voltage range of $\pm 25\%$

CZ6417-□□□ EXPLOSION PROOF FIXED CAMERA

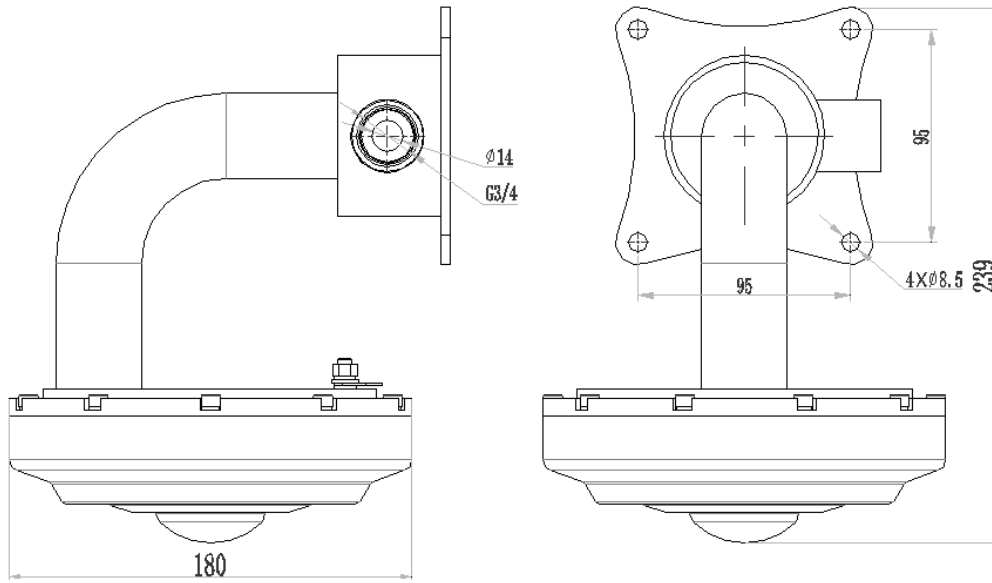
Specification:

| Camera | | | | | |
|----------------------|---|---------------|----------------|------------------|-----------------|
| Image sensor | 1/2.8", 5.0-megapixel, progressive scan, CMOS | | | | |
| Lens | 1.4mm@F2.0 | | | | |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| | 1.4 | 31.5 | 12.6 | 6.3 | 3.2 |
| Angle of View | 360° | | | | |
| Shutter | Auto/Manual, shutter time: 1 ~ 1/100000s | | | | |
| Minimum Illumination | Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR | | | | |
| Day / Night | IR-cut filter for day & night function | | | | |
| S/N Ratio | >55dB | | | | |
| IR Range | Up to 10m (33ft) | | | | |
| Defog | Digital Defog | | | | |
| WDR | 120dB | | | | |
| Video | | | | | |
| Compression | Ultra265, H.265, H.264, MJPEG | | | | |
| H.264 code profile | Baseline profile, Main Profile, High Profile | | | | |
| Fisheye Frame Rate | Main Stream: 5MP (2592*1944), Max 30fps; Sub Stream: 1080P (1920*1080), Max 25fps; | | | | |

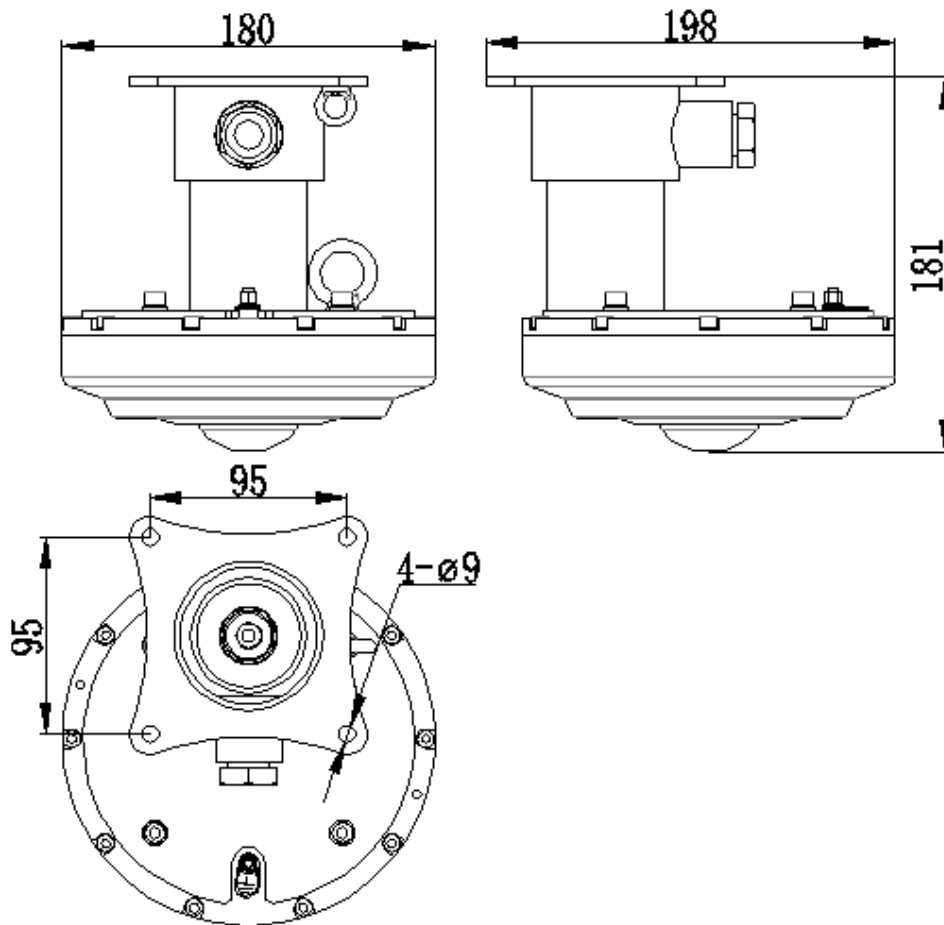
| | |
|--------------------------|---|
| | Third Stream: D1(720*576), Max 25fps |
| BLC | Support |
| Video Bit Rate | 128 Kbps~16 Mbps |
| ROI | Up to 8 areas |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 4 areas |
| Storage | |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS(NFS) |
| Network | |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| Live View Display | |
| Mount Type | Support table, wall, and ceiling |
| Interface | |
| Network | 1 * RJ45 10M/100M Base-TX Auto-adaptive Ethernet |
| Video Output | N/A |
| Certifications | |
| Certification | ATEX, IECEx certified |

| | |
|-------------------------------|---|
| Explosion proof certification | DNV 22 ATEX 24383X, IECEX DNV 22.0019X |
| ATEX Explosion proof marking | With fill light:  II 2 G Ex db op is IIC T6 Gb  II 2 D Ex tb op is IIIC T80 °C Db Without fill light:  II 2 G Ex db IIC T6 Gb  II 2 D Ex tb IIIC T80 °C Db |
| IECEX Explosion proof marking | With fill light: Ex db op is IIC T6 Gb Ex tb op is IIIC T80°C Db Without fill light: Ex db IIC T6 Gb Ex tb IIIC T80°C Db |
| General | |
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| | Power consumption: Max 11.7W |
| Dimensions (Ø x H) | Φ180 x 239mm |
| Net Weight | 5.2kg |
| Material | Stainless steel 304 or 316L, Optional with corrosion proof painting |
| Working Environment | -40°C~+60°C, Humidity: ≤95% RH |
| Storage Environment | -35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH |
| Ingress Protection | IP68 |
| Bracket | Wall Bracket (CZ6417-B) Ceiling Bracket (CZ6417-D) |

Drawings



With Wall Bracket (CZ6417-B)



With Ceiling Bracket (CZ6417-D)

Changzhou Zuoan Electronics Co., Ltd.
Peace village, Zhenglu Town, Tianning District, Changzhou, Jiangsu, P.R. China
Web: en.zaex.com.cn
zuoan818@zaex.com.cn
Tel: 0519-88962115-873 Fax: 0519-88968180

