

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

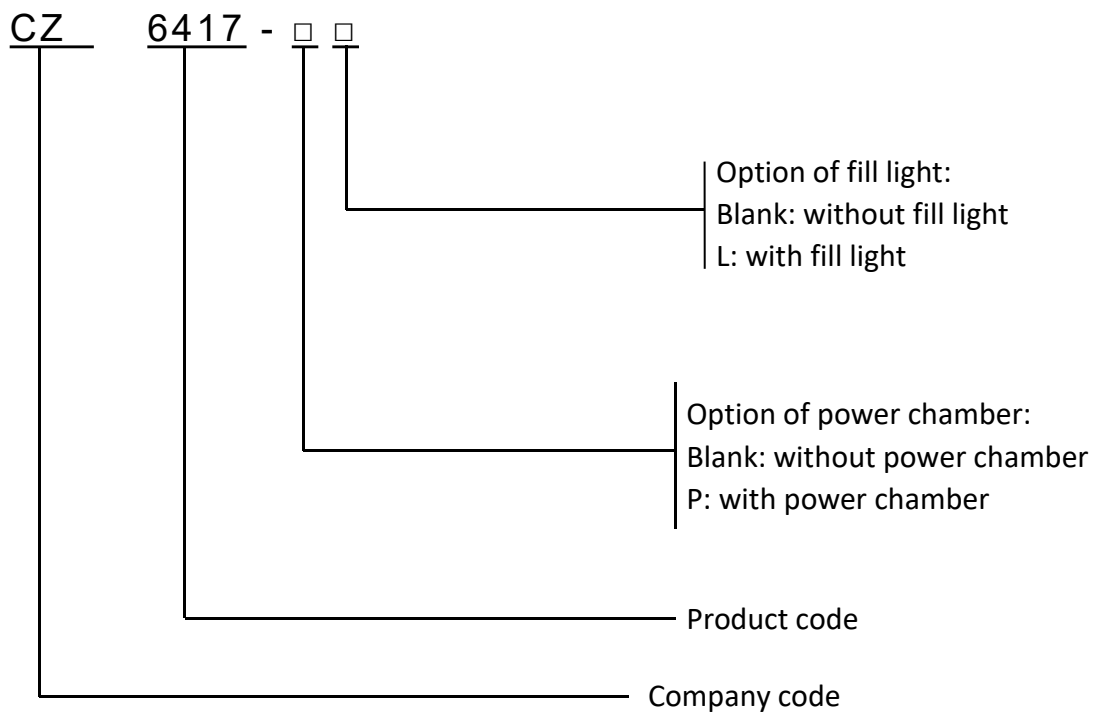


Description:

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

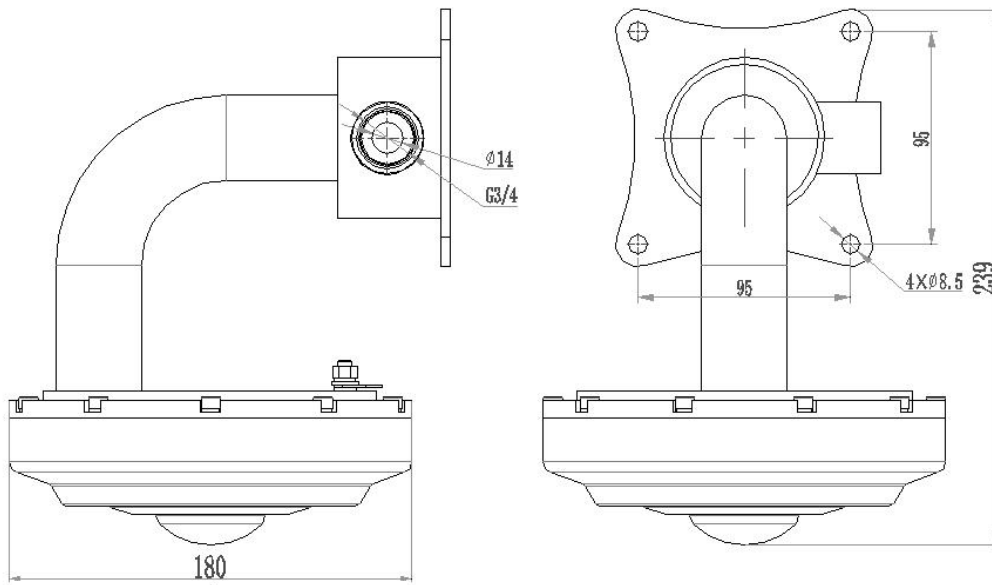
Specification:

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;				

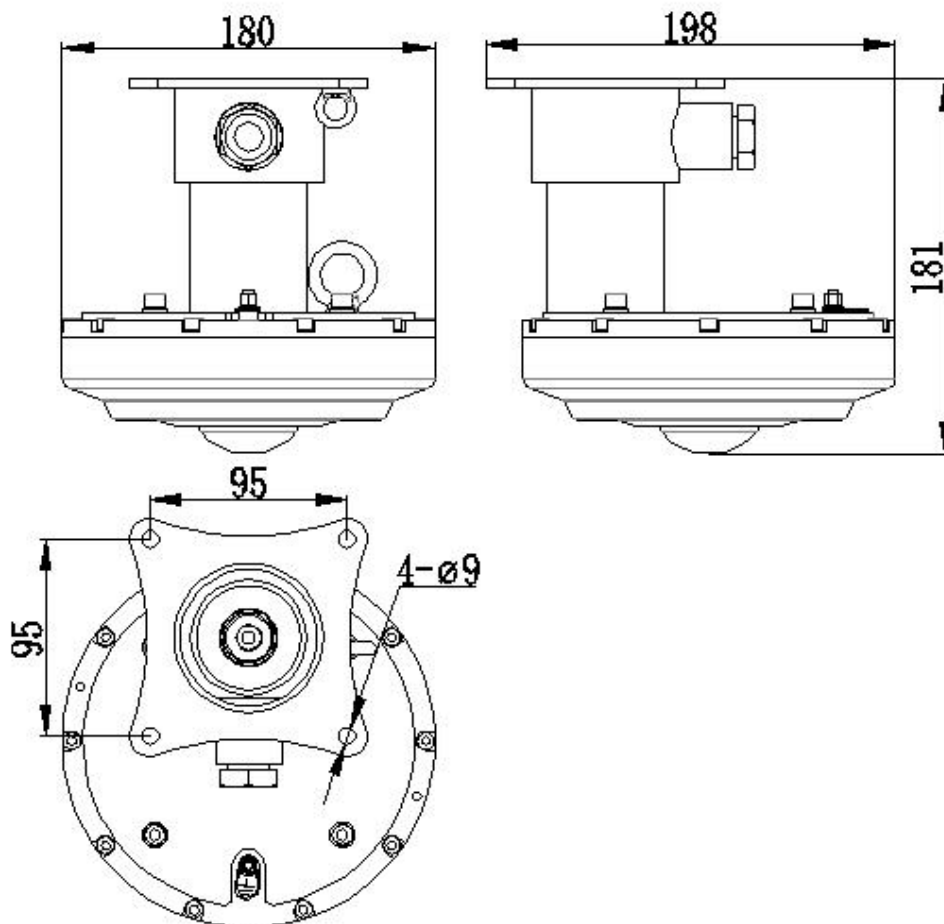
	Third Stream: D1(720*576), Max 25fps
BLC	Support
Video Bit Rate	128 Kbps~16 Mbps
ROI	Up to 8 areas
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, 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)

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