

CZ1035□□

8MP Explosion Proof Fixed Camera with IR and Wiper



CZ1035(F)



CZ1035A (F)



CZ1035B(F)



CZ1035C (F)



CZ1035D (F)



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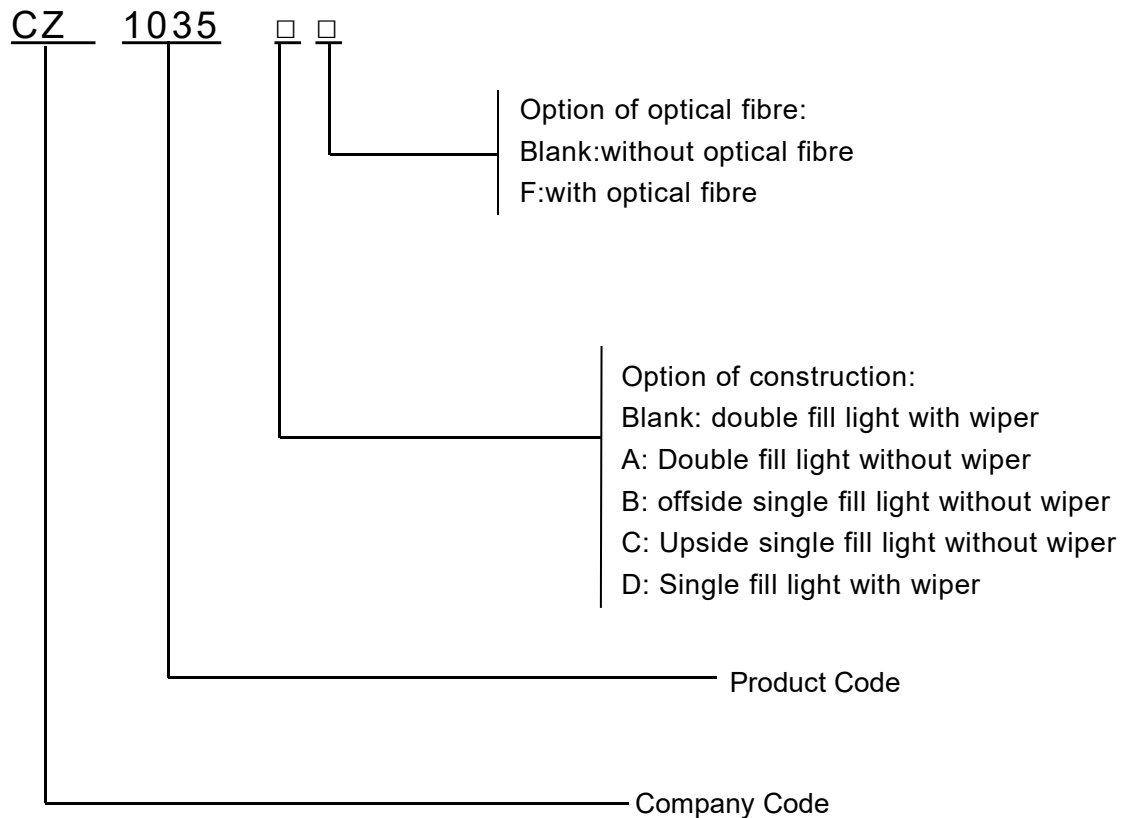
Description:

CZ1035 □ □ is a ZUOAN designed classic explosion-proof 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.

Features:

- ATEX, IECEx Certified;
- Applicable for Gas Zone 1, Zone 2, Class II A, IIB, IIC, T1-T6 group, Dust Zone 21, 22.
- Certified for the latest standards IEC/EN60079
- Stainless steel 304 or 316L enclosure
- Surface optional electro-polished or painting
- Weather Proof IP68(2m/2h)
- Wide voltage input: AC100-240V or AC24V or DC24V or PoE++
- Strong tempered glass, fit for hydrofluoric acid area
- Intelligent window defroster design
- Equipped with infrared light for night vision
- Equipped with wiper to keep window clean
- Auto temperature adjust kit for aggressive area
- High precision wiper , support user-defined
- Fit for various brand cameras
- Wall, pole, ceiling or corner mounted way

CZ1035□□ EXPLOSION PROOF FIXED CAMERA



Models: CZ1035, CZ1035A, CZ1035B, CZ1035C, CZ1035D, CZ1035F, CZ1035AF, CZ1035BF, CZ1035CF, CZ1035DF.

Specification:

Camera	
Sensor	1/2.8", 8.0megapixel, progressive scan, CMOS
Minimum Illumination	Color: 0.0025 lux (F1.6, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
WDR	120dB
S/N	>56 dB
Lens	
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
Iris	Fixed

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Field of View (H)	107.4° ~ 29.2°
Field of View (V)	54.2° ~ 16.3°
Field of View (D)	111.0° ~ 33.1°

DORI

DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	86.9	34.8	17.4	8.7
	12	372.4	149.0	74.5	37.2

Illuminator

IR Range	100m night vision(single light) 200m night vision (double lights)
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
Rol	Up to 8 areas
Video Stream	Triple streams

Image

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90° Anti-clockwise
Dewarping	Support
HLC	Support
BLC	Support





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Defog	Digital Defog
Intelligent	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Audio	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]

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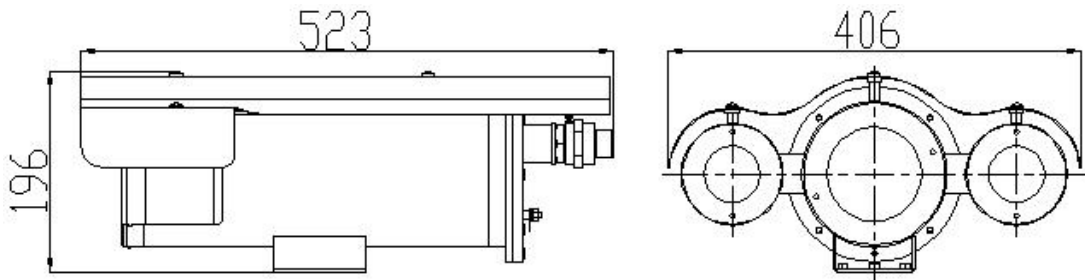
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	N/A
Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Trail cable	2m integrated cable Option 1: power+CAT Option 2: power+RS485+coaxial cable Option 3: power+CAT+audio+alarm+RS485+coaxial cable Option 4: power+CAT+audio+alarm+fiber cable
Certifications	
Certifications	ATEX, IECEx certified
Explosion proof certification	ATEX: Presafe 20 ATEX 45644X, IECEx: IECEx PRE20.0042X
ATEX Explosion proof marking	With optical fibre Models: CZ1035, CZ1035A, CZ1035B, CZ1035C, CZ1035D  II2G Ex db op is op pr IIC T6 Gb,  II2D Ex tb op is op pr IIIC T80 °C Db Without optical fibre models: CZ1035, CZ1035A, CZ1035B, CZ1035C, CZ1035D  II2G Ex db op is IIC T6 Gb  II2D Ex tb op is IIIC T80 °C Db
IECEx Explosion proof marking	Without optical fibre: Ex db op is IIC T6 Gb Ex tb op is IIIC T80° C Db With optical fibre: Ex db op is op pr IIC T6 Gb Ex tb op is op pr IIIC T80° C Db
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 10.5W
Cable thread hole	2pcs M25*1.5(standard) or M27*1.25
Cable	Integrated cable
Dimensions (L × W × H)	CZ1035(F), CZ1035A: 523*406*221mm, CZ1035B(F): 523*297*196mm, CZ1035C(F): 484*172*286mm, CZ1035D(F): 523*297*221mm

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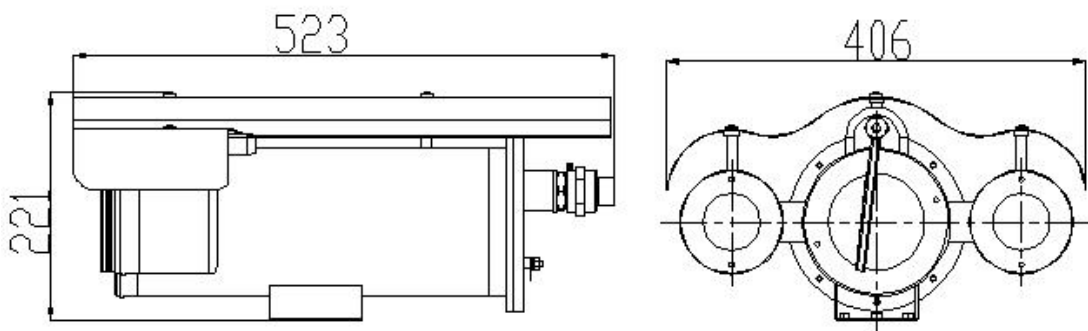


Net Weight	CZ1035:17.5Kg; CZ1035A(F):16.5Kg; CZ1035B(F):14.5Kg CZ1035C(F):13Kg; CZ1035D(F):15.5Kg; CZ1035F:17Kg
Material	Stainless steel 304/316L
Ambient Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP68 (2m 2h)
Reset Button	N/A
Sun-shield	option
Wiper	option
Mounted Way	wall, pole, corner

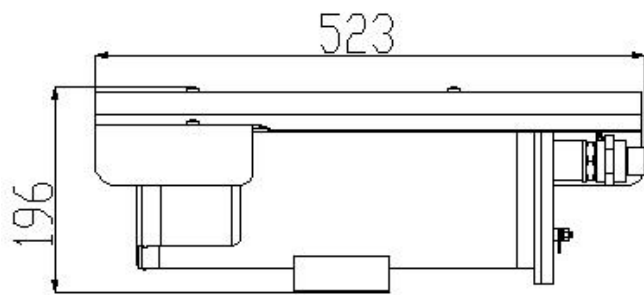
Dimension



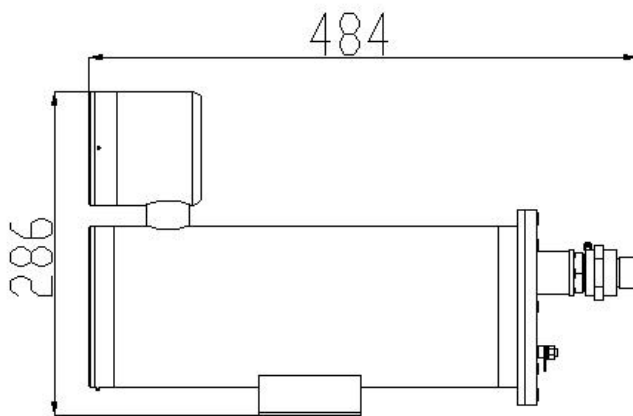
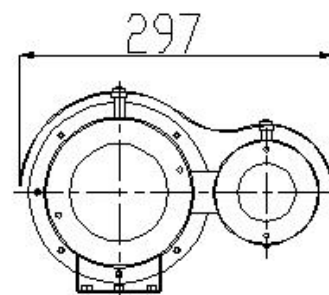
CZ1035(F)



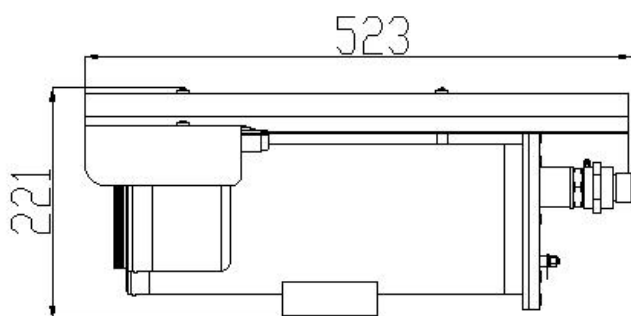
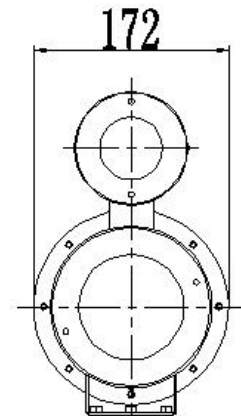
CZ1035-A(F)



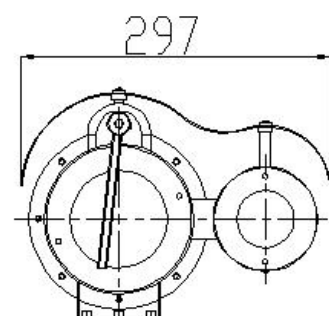
CZ1035-B(F)



CZ1035-C(F)



CZ1035-D(F)



Relatives



CZ300 ATEX Ex Optical Box



ZAEX02 ATEX Ex glands



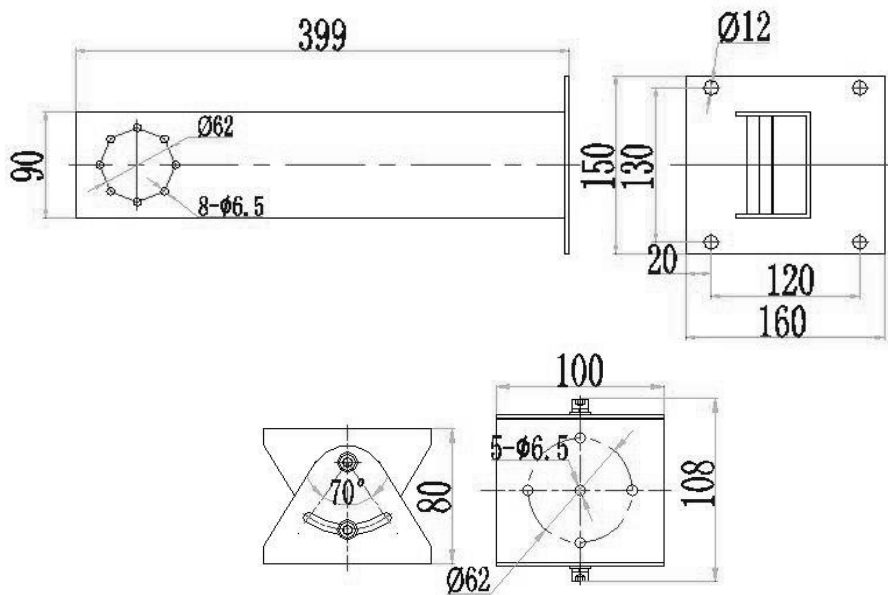
ZAZ100B Wall bracket with mount adapter



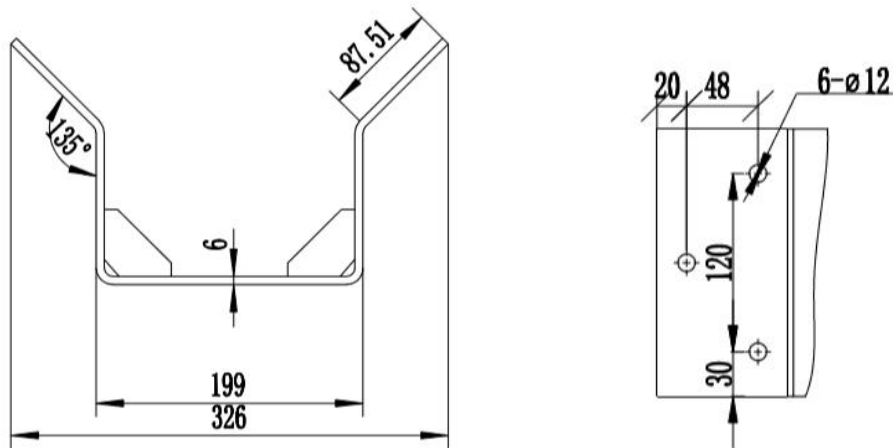
ZAZ100-C corner bracket



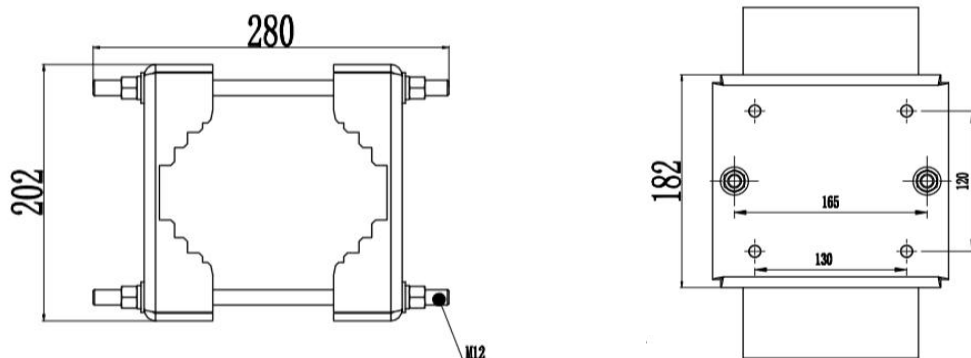
ZAZ100-PMB Pole mount adapter



ZAZ100B Wall bracket with mount adapter



ZAZ100C corner bracket



ZAZ100-PMB pole mounted bracket

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