CZ6354

ATEX, IECEx certified 2MP 32X Starlight Network Explosion Proof PTZ Speed Dome Camera

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

·Weather Proof: IP66, IP68(2m/2h)

·Wide voltage input: AC100-240V or AC24V or DC24V or PoE++

· Powerful optical zoom and accurate pan/tilt zoom performance

· All-in-one solution for capturing long distance video surveillance for outdoor applications

· Start-light technology fits for dark, low-light applications

· True WDR for applications with direct sunlight or glare.

· Automatically filters out false alarms caused by animals, rustling leaves, bright lights,etc

· Automatically track an object in motion and keep it in the scene.

· Smart H.265+ technology reduces bit rate and storage requirements by up to 70%
   when compared to standard H.265 video compression.

·Wall and ceiling mounted way

·Optical fiber output version available

Application

CZ6354-□□ is a ZUOAN designed classic explosion-proof speed dome camera, which is integrated by explosion proof enclosure, speed dome module, sunshiled. The explosion proof speed dome 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.

Certificate

Certificate Mark	With optical fiber: ⟨Ex⟩ Ⅱ 2 G Ex db op pr ⅡC T6 Gb ⟨Ex⟩ Ⅱ 2 D Ex tb op pr ⅢC T80 ºC Db Without optical fiber: ⟨Ex⟩ Ⅱ 2 G Ex db ⅡC T6 Gb ⟨Ex⟩ Ⅱ 2 D Ex tb ⅢC T80 ºC Db
Standards	EN IEC60079-0:2018, EN60079-1:2014, EN60079-28:2015, EN60079-31:2014 , IEC60079-0:2017, IEC60079-1:2014,
Certificates	DNV 21 ATEX 38340X,　IECEx DNV 21.0048X

Mechanical

Housing	Stainless steel 304 or 316L
IP	IP66, IP68 (2m/2h)
Cable thread hole	1pcs M27×1.25 or M25×1.5
sunshade	Support

Ambient

Ambient temperature	-40ºC～+60ºC
Air pressure	80～110kPa
Relative Humidity	≦95% (no condensation) @25℃

Camera

Image Sensor	1/2.8" CMOS
Pixel	2MP
Max. Resolution	1920 (H) x 1080 (V)
ROM	4 GB
RAM	1 GB
Electronic Shutter Speed	1/1 s–1/30000 s
Scanning System	Progressive
Min. Illumination	Color: 0.005 Lux@F1.35 B/W: 0.0005 Lux@F1.35
Lens	

Focal Length	4.9 mm–156 mm			
Max. Aperture	F1.35–F4.4			
Field of View	H: 62.8°–2.2°; V: 36.7°–1.3°; D: 69.2°–2.6°			
Optical Zoom	32x			
Focus Control	Auto/Semi-Auto/Manual			
Close Focus Distance	1 m–1.5 m (3.28 ft–4.92 ft)			
Iris Control	Auto/Manual/Fixed			
DORI Distance	Detect	Observe	Recognize	Identify
	2152 m (7060.37 ft)	850 m (2788.71 ft)	430 m (1410.76 ft)	215 m (705.38 ft)

PTZ

Pan/Tilt Range	Pan: 0°–360° endless Tilt: 0° to +90°, auto flip 180
Manual Control Speed	Pan: 0.1°/s–350°/s Tilt: 0.1°/s–250°/s
Preset Speed	Pan: 500°/s Tilt: 500°/s
Presets	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Power-off Memory	Support
Idle Motion	Preset/Tour/Pattern/Scanning
Protocol	DH-SD Pelco-P/D (auto recognition)

General Intelligence

Event Trigger	Motion detection, video tampering, scene changing, Network disconnection, IP address conflict, illegal access, and storage anomaly.
IVS	Object Abandoned/Missing

Artificial Intelligence

Smart Capture	Support human, motor vehicle and non-motor vehicle image capture.
Perimeter Protection	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Face Detection	Support
Auto Tracking	Support

SMD PLUS	Support
Video	
Compression	H.265; H.264B; H.264M; H.264H; MJPEG (Sub Stream); H.265+; H.264+
Streaming Capability	3 streams
Resolution	1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576); CIF (352×288)
Frame Rate	Main stream: 1080P/1.3M/720P (1–50/60 fps) Sub stream 1: D1/CIF (1–25/30 fps) Sub stream 2: 720P (1–25/30 fps)
Bit Rate Control	Variable/Constant
Bit Rate	H.264: 3 Kbps–20480 Kbps H.265: 3 Kbps–20480 Kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Support
WDR	120 dB
HLC	Support
White Balance	Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/Natural light/Street lamp
Gain Control	Auto/Manual
Noise Reduction	2D/3D
Motion Detection	Support
Region of Interest (RoI)	Support
Image Stabilization	Electronic
Defog	Electronic
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas, and up to 8 areas in the same view
S/N Ratio	≥ 55 dB
Audio	
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1; G729; G723
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3 (MIB-2); DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP

Interoperability	ONVIF Profile S&G&T; CGI
Streaming Method	Unicast/Multicast
User/Host	20 (total bandwidth 64M)
Storage	FTP; Micro SD card (256G); NAS
Browser	IE7 and later versions Chrome 42 and earlier versions Firefox 52 and earlier versions Safari
Management Software	Smart PSS; DSS; DMSS; Easy4ip; IVSS
Mobile Phone	IOS, Android

Certification

Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014 UL: UL62368-1+CAN/CSA C22.2,No. 62368-1

Port

Audio Input	1
Audio Output	1 (LINE OUT; bare wire)
Two-way Audio	Support
Alarm I/O	2/1

Power

Power Supply	DC24V/2.5A PoE+ (802.3at)
Power Consumption	Basic: 10W Max: 16W

General

Cable	integrated cable
Size	245*245*302mm (without bracket)
Weight	13.5kg (without bracket)
Mounted	wall, ceilling
Wall bracket	ZAZ637-B
Ceiling mounted bracket	ZAZ637-D
Sunshield	optional
Safety hook	supported

Dimension (With Wall Bracket)
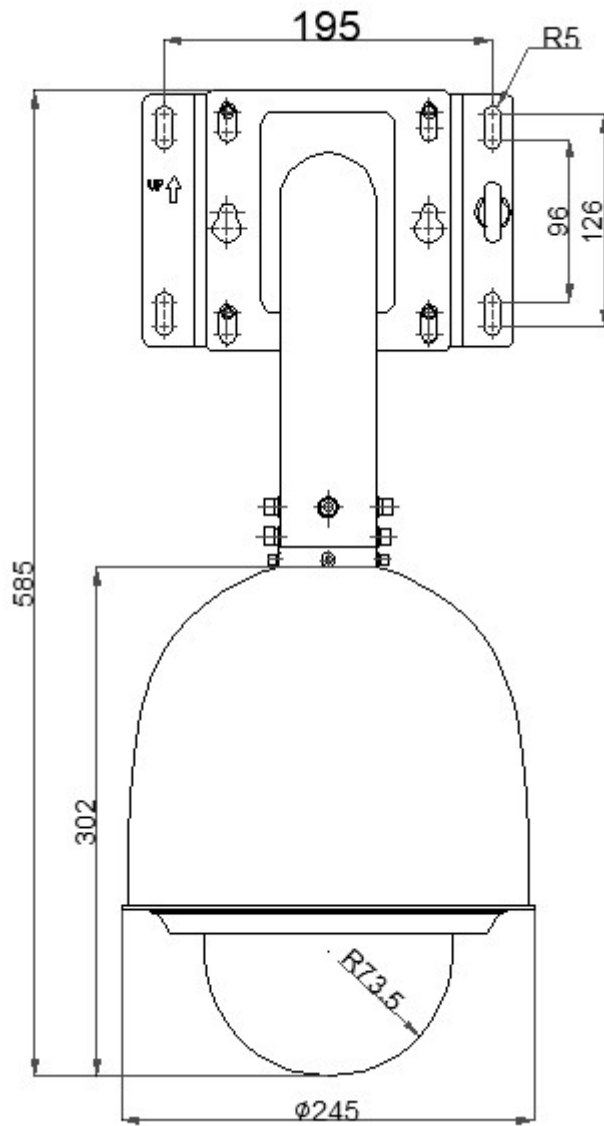
ZAZ637-B wall bracket　　　　　　**ZAZ637-D ceiling mounted bracket**

The ZANXG　Explosion Proof Cable tube

Connector Material	Carbon Steel or Stainless steel 304 or 316L
Connector size	G3/4
Certificate Mark	Ex e IIC Gb
IP	IP68
Ambient temperature	-25 to +60℃
Air pressure	80Kpa to 106Kpa
Relative Humidity	≦95% (no condensation)
Length	1m, 1.5m, 2m

G3/4　　ø25　　G3/4

1500