

CZ6417 Series 4K Ultra HD Explosion Proof Fisheye Fixed Dome Camera with Light



Main Features:

- Ultra wide angle lens, 360° panoramic image,
- Stainless steel 304 or 316L
- Optional electropolished or corrosion resistant paint finish
- Enclosure Protection: IP68
- Exd II CT6 Gb/ Ex tD A21 IP68 T80°C
- power input: DC12V or POE power supply
- 1/1.7", progressive scan, CMOS
- 4K, Max. 4000 * 3000 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 $\pm 25\%$

Specification:

Camera					
Image sensor	1/1.7", 12.0 megapixel, progressive scan, CMOS				
Lens	1.8mm@F2.4				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	1.8	43.8	17.5	8.8	4.4
Angle of View	360°				
Shutter	Auto/Manual, shutter time: 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.05Lux (F2.4, AGC ON) 0Lux with IR				
Day / Night	IR-cut filter for day & night function				
S/N Ratio	>52dB				
IR Range	Up to 10m (33ft)				
wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	DWDR				
Video					
Compression	Ultra265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Fisheye Frame Rate	Main Stream: 15fps (4000*3000, 3000*3000); 25fps				

	(2560*2560); Sub Stream: 15fps (2000*1500, 2000*2000); 25fps (2000*2000); Third Stream: 15fps (720*576, 320*288)
Panorama	25fps (3000*2000); 15fps (4000*3000, 3000*2000, 3000*1500)
Frame Rate PTZ	15fps (1920*1080)
Video Bit Rate	128 Kbps~16 Mbps
ROI	Up to 8 areas
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Flip Vertical/ Flip Horizontal/180°
Dewarping	N/A
HLC	N/A
BLC	Support
Audio	
Audio Compression	G.711
Two-way audio	Supported

Suppression	Supported
Sampling Rate	8KHZ
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
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Live View Display	
Mount Type	Support table, wall, and ceiling
Display Mode	Support 10 display modes in total (including display modes of mount types and decoding modes): Display Mode: Original Image, Fisheye+4PTZ, Panoramic Preview Mode: Original Image, 360° Panoramic+1PTZ, 180° Panoramic, Fisheye+3PTZ, Fisheye+4PTZ, 360° Panoramic+6PTZ, Fisheye+8PTZ
Interface	

Audio I/O	Audio interface
	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
	Multiple Alarm linkage editable
Serial	1 channel RS485 interface
Network	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Certifications	
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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	-20°C~+60°C, Humidity: ≤95% RH
Storage Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH
Ingress Protection	IP68
Bracket	Optional wall mounted, ceiling mounted

Drawings

