

EXPLOSION PROOF CCTV

CNEx Explosion Proof IP68 CCTV Camera



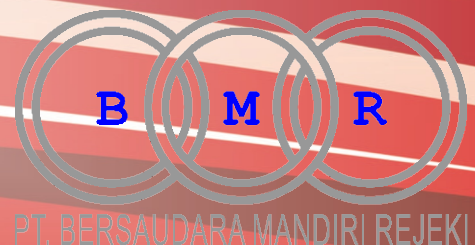
ZAF109H

2MP Explosion Proof Mini IR Bullet Network Camera



PT. BERSAUDARA MANDIRI REJEKI

Jl. Cisaranten Baru No.57, Cisaranten Kulon
Arcamanik Kota Bandung, 40293
Telp : (022) 63745201 WhatsApp : 0812-2220-6505
Email : sales@fnrgrup.com
<https://www.bersaudaramandiri.co.id>



CNEx Explosion Proof IP68 CCTV Camera

2MP Explosion Proof Mini IR Bullet Network Camera



Description :

Dengan Sertifikasi yang ketat, Camera ini dirancang untuk digunakan dalam area berbahaya kimia, fasilitas gas dan oli, pabrik pengolahan makanan, dan area berbahaya lainnya, untuk mencegah kerusakan pada peralatan camera dengan menahan panas, percikan api atau api yang dihasilkan, serta suhu yang panas dari luar housing.

Material SS 316L dapat digunakan untuk marine seperti kapal laut, rig offshore, dan industri maritim lainnya.

Working Environmental Condition :

- Working Voltage : DC12V or POE power supply
- Working Electric Current: $\leq 1000\text{mA}$
- Environment temperature: $-25^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Average relative humidity: $\leq 95\%$
- Atmospheric Pressure: $80\text{kPa} \sim 106\text{kPa}$
- Apply to explosive gas atmosphere 1 district / 2 district dangerous ground
- Apply to IIA, IIB, IIC grade explosive gas atmosphere
- Apply to flammability dust environment 20/21/22 district
- Apply to the environment of temperature group T1-T6

Features :

- CNEx, CE, Approved
- Applicable for Gas Zone 1, Zone 2, (Class IIA, IIB, IIC, T1-T6 group) Dust Zone 21, 22.
- Stainless steel 304 or 316L enclosure
- Surface optional electro-polished or painting
- Weather Proof Ip68 (1.2m/45min)
- Wide voltage input: DC12V or POE power supply
- Strong tempered glass, fit for hydrofluoric acid area
- Intelligent window defroster design
- Auto temperature adjust kit for aggressive area
- High precision wiper, support user-defined
- Auto temperature adjust kit for aggressive area
- Symmetrical balancing design
- Intelligent long focal speed limit, fit for long distance monitoring



Specification

Certificate

Certificate Mark	Exd II C T6 Gb/ Ex tD A21 IP68 T80℃
Certificate No	CNEx16.2526
Standards	Q/320412 ZAF033-2016

Mechanical

Housing	Stainless steel 304 or 316L
IP	IP68
Cable thread hole	1pcs G3/4 or NPT3/4

Electrical

Voltage	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 4.5W

Ambient

Ambient temperature	-25 to +60℃
Air pressure	80Kpa to 106Kpa
Relative Humidity	≤95% (no condensation)

Lights

Light distance	0-30m
----------------	-------



Camera

Sensor	1/2.7", 2.0 Megapixel, Progressive scan, CMOS			
Lens	4mm@F2.0			
DORI Distance	Detect	Observe	Recognize	Identify
	66.7 m	26.7 m	13.3 m	6.7 m
Angle of View (H)	86.5°			
Angle of View (V)	44.1°			
Angle of View (O)	106.4°			
Adjustment Angle	Pan : 0° ~ 360°	Tilt : 0° ~ 80°	Rotate : 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s			
Minimum Illumination	Color : 0.02Lux (F2.0, AGC ON)			
	0LUX With IR			
Day/Night	IR-cut filter with auto switch (ICR)			
S/N	>52dB			
IR Range	Up to 30m (98ft) IR Range			
Wavelength	850nm			
IR On/Off Control	Auto/Manual			
Defog	Digital Defog			
WDR	Supported			
Noise Reduction	2D/3D			



Video

Max. Resolution	1920*1080
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline Profile, Main Profile
Frame Rate	Main Stream : 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (704*576), Max 30fps
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 Areas
ROI	Up to 2 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/Vertical/Horizontal/180°
Dewarping	Supported
HLC	Supported
BLC	Supported



Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP,
	RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP,
	SSL, 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+

Interface

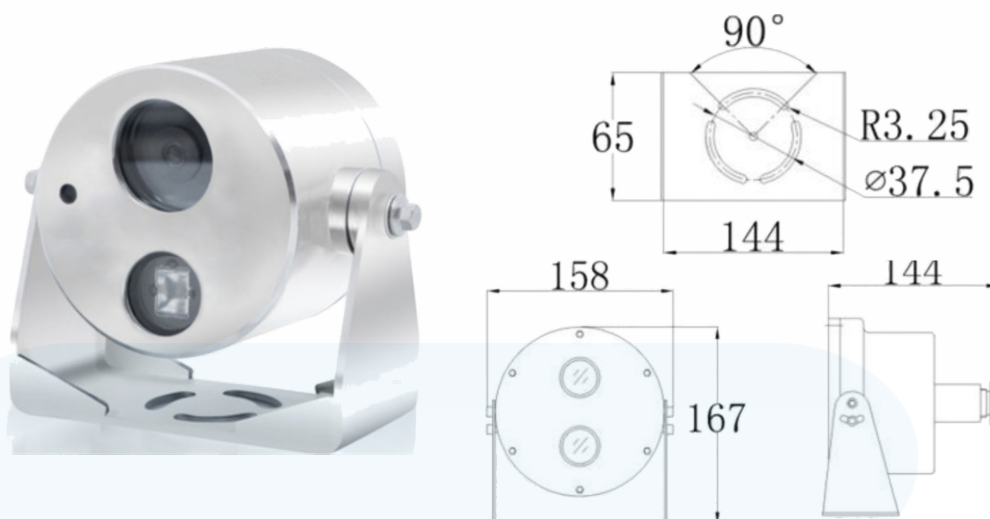
Network	10M/100M Base-TX Ethernet
---------	---------------------------

General

Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 4.5W
Size	158*144*167mm (LxWxH)
Weight	4kg
Mounted	wall, pole
Wall bracket	ZAZ109B



Dimension



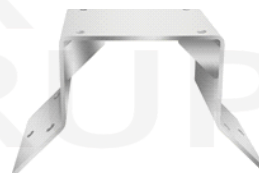
Relative Product



ZAZ109B



ZAZ100PMB



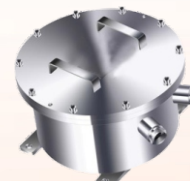
ZAZ100C



ZANXG



ZA-JXD4 Ex Junction box



CZ300 Ex Control Box





CONTACT PERSON



PT. BERSAUDARA MANDIRI REJEKI



Jl. Cisaranten Baru No.57, Cisaranten Kulon
Arcamanik Kota Bandung, 40293
Telp : (022) 63745201
WhatsApp : 0812-2220-6505
Email : sales@fnrgrup.com



国家防爆

