

4MP 2.8-12mm zoom lens Explosion proof camera



Features

- 4MP IP camera
- Adopt 2.8-12mm motorized zoom lens, easy to monitor remote targets
- Support ICR Day/Night Auto-switch, Color- BW, 24 hours monitoring
- High quality IR lamp, long service life, IR distance up to 60 meters.
- Support digital wide dynamic, support 3D-DNR function
- Support dual stream, support mobile phone monitoring
- Windows glass surface process by nano technology. Well light transmittance. no halation effect. non-stick oil/dusty.
- Low power consumption, the fuselage internal air convection heat dissipation design, can work continuously for a long time
- Power: AC220V/DC12V/POE, other Power mode can be customized.
- Made of 304 or 316L stainless steel material. apply to strong corrosive environment
- Well design for Explosion-proof, anti-corrosion, waterproof, suitable for indoor and outdoor environment



Specification

Product	Ex-Level	ATEX II 2G Ex d IIC T6 Gb II 2D Ex tb IIIC IP68 T80°C Db
	Ingress Protection level	IP66, IP68
Camera	imaging sensor	1/2.7"CMOS
	DSP	TI-DSP
	minimal illumination	Color 0.1Lux@F1.2 , BW0.01 Lux@F1.2 ;
	Day/Night	IR-CUT auto-switch
	DNR	3D
	focal distance	2.8-12mm motorized Zoom lens
	Aperture control	Auto
	Automatic aperture	DC-drive
	motion detecting	support
Compression standard	Video compression standard	H.265/H.264/MJPEG
	H.264 encoding type	Base Line Profile / Main Profile
	Video compression standard	32 Kbps~8Mbps
Image	Maximum resolution	2592*1520
	Frame rate	4 million pixels is 20 fps, 2 million pixels and following is 30 fps(full-time), support 1~30 fps is adjustable;
	Video output	Main stream: 2592*1520, 2048*1536, 1920*1080, 1600*1200, 1280*960,1024*768,1280*720; Sub stream: 640*480,640*360,480*360,352*288,320*240

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	Image setting	Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser
Net	Interface protocols	ONVIF,PSIA,CGI,ISAPI,GB28181
	Support protocols	RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.
	audio interface	optional
	Alarm interface	optional
Laser lamp	IR distance	60m
	IR switch	IR lamp Auto-open when <0 Lux
	wavelength,	808nm
Other specification	Temperature range	-40℃~60℃
	Relative humidity	≤ 5% (+25℃)
	Atmospheric pressure	80kpa~106 kpa
	Thermostat System	optional
	Supply voltage	DC12V /AC220V (optional) /POE(Optional)
	Suitable Environment	Apply to explosive gas and combustibile dust environment
	Material	304 stainless steel, 316L for optional
	Inlet hole specifications	2pcs M25*1.5 output (original G3/4)
	Installation method	PTZ, Wall bracket, fixed bracket , Pillar base

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SS316L, POE

SS316L version is for strong corrosive environments such as sea, offshore, ships etc.

Explosion proof standard

II 2G Ex d IIC T6 Gb

II 2D Ex tb IIIC IP68 T80°C Db

Application scenario

Can be used in extremely situation Such as petroleum, chemical industry, mine, military industry, medicine, pharmaceuticals, oil depot, oil extraction, gas extraction, ships, drilling platform, gas stations, fireworks production, food processing and storage, offshore projects, ports, aerospace, steel, machinery, wharves etc

Optional Accessories



Metal ex pipe



Rubber ex pipe



Junction box for cable connection



Wall bracket



Junction box for cable connection



Junction box for power adaptor



Junction box for other elements



Junction box for other elements