

Explosion proof PTZ camera



Functional characteristics

- double explosion proof certification, explosion proof mark: Ex d IIC T6Gb/Ex tD A21IP68T80°C
- resolution 1920*1080P
- support H264 and H265 video compression algorithms;
- visible light uses a high-performance 2 million pixel 1/2.8" CMOS image sensor, 26X Zoom
- the intelligent wiper function, the wiper uses the automobile wiper piece, the weather resistance is good, the replacement is convenient;
- horizontal direction 360° continuous rotation, vertical direction-90°~90°, no monitoring blind area;
- IP68, Explosion-proof, anti-corrosion, dust-proof and waterproof
- Work Temperature: -30°C~+60°C
- 100M IR Distance
- 304 Stainless steel / 316L Stainless steel.
- Support intelligent functions of : Video structure, support vehicle, human body detection and target attribute analysis and capture; support helmet detection; support 1T computing power etc

Environment

Suitable for flammable gases with class II A、IIB、IIC, ignition temperature group is zone 1 and zone 2 of T1-T6 group, flammable explosive gas, dust, oil refining, refining, gas station, filling station, oil well, drilling, oil tank truck, pipeline valve station, etc. The mixture of gas, steam or foggy combustible substance and air in explosive gas environment atmosphere will spread all over the environment of unburned mixture after igniting in the mixture.

Technical parameters

Product model		HL-E8007-W-1080P
Visible light	Imaging devices	1/2.8 inch Scan 2 million pixels line by line CMOS image sensor
	Focal length/change	26X Zoom
	Zoom mode	Electric zoom, autofocus
	Aperture	F1.6-F3.5
	Shutter	1/1 seconds ~1/30,000 seconds
	WDR	YES
	Minimum illumination	Color :0.05 Lux @(F1.6, AGC ON) Black and white :0.01 Lux @(F1.6, AGCON)
	Day and night switching	Automatic infrared filter switching color to black
	Code Protocol	H.265、H.264
	Resolution	50HZ: 25fps (1920X1080)60HZ :30fps (1920X1080) 50HZ: 25fps (1280X720)60HZ :30fps (1280X720)
	Video streaming	Three-code stream
	OSD	Time OSD, Custom OSD
	Motion detection	Support
	Privacy Cover	Support
	Agreement	TCP/IP、HTTP、DHCP、DNS、DDNS、RTP、RTSP、PPPoE、SMTP、NTP、UPnP、SNMP、FTP、802.1x、QoS、HTTPS、IPv6(SIP, SRTP, optional), GB28181、E-HOME
	Compatibility	ONVIF2.4、GB/T28181
Head	Range of rotation	Horizontal 0-360° continuous rotation, vertical +90°~90°
	Speed of movement	Level :0.1°-40° s, vertical :0.1°-40 per cent
	Positioning accuracy of cloud head	±0.1°
	Preset points	255
	Cruise scan	8, each can add 32 preset points
	Pattern scanning	4, each path recorded for more than 10 minutes
	Power off memory	Support
	Watch function	Support
	Variable Speed Limit	Support
	Intelligent features	Video structure, support vehicle, human body detection and target attribute analysis and capture; support helmet detection; support 1T computing power etc
	Azimuth information display	ON/OFF
General norms	Explosion proof signs	Ex d IIC T6Gb/Ex tD A21IP68T80°C
	Power supply mode	AC85V ~260 V/DC24V 3A(optional)
	Working temperature and humidity	-40°C~60°C, humidity less than 90% RH(no condensation)
	Protection level	IP68

	Shell material	304 stainless steel material (chemical, acid and alkali corrosive environment use)
	Incoming hole specification	1 G3/4" feed hole
	Installation mode	A variety of installation options depending on the application environment
	Product weight	29.5kgs