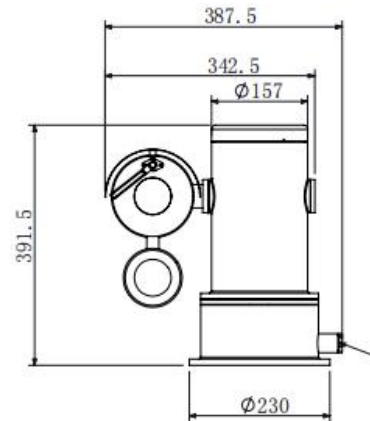


Explosion proof PTZ camera



Manufacturing Standards:

GB3836.1-2000 "Electrical Equipment for Explosive Gas Atmospheres Part 1: General Requirements"

GB3836.2-2000 "Electrical Equipment for Explosive Gas Atmospheres Part 2: Flameproof Type "d" "

GB 12476.1-2000 "Electrical Equipment for Combustible Dust Environments Part 1: Electrical Equipment Protected by Enclosures and Limiting Surface Temperatures"

Features:

- Highly integrated explosion-proof pan/tilt, explosion-proof infrared camera, explosion-proof decoder, smaller and lighter, more intelligent and advanced functions;
- 4.0MP high-definition integrated movement, 33X optical Zoom, 16X Digital Zoom.
- Applicable to dangerous and harsh environments where various flammable gases or dust exist, double side load structure design, can be used with auxiliary lighting equipment such as cameras and fill lights.
- Using 304 stainless steel material, integrated and simple design, the window is made of tempered glass coated with waterproof film on both sides, which is impact-resistant and has
It has good shielding and cooling effect. Explosion-proof, dust-proof, waterproof, rust-proof
- 360° horizontal rotation, -90°~+90° vertical movement, all-round monitoring of suspicious targets.
- Speed of movement: Level :0.1°-30° s, vertical :0.1°-30 per cent
- PD/PP protocol adaptive, RS422/485 communication mode.
- RS-485 control function, compatible with various communication protocols and communication rates, can accurately and quickly respond to various host instructions;

- Infrared visible distance of 100 meters, even in poor light conditions can still obtain high-quality images;
- Optical-grade high-strength and high-transmittance ultra-white explosion-proof glass, with a luminous flux rate higher than 96%, completely eliminating the halo of infrared light;
- Semiconductor thyristor temperature control components can be selected to realize automatic heating and cooling functions.
- Work Temperature: -40°C~+60°C
- Infrared visible distance: 100M IR Distance
- 316L Stainless steel.
- Support SD Card feature, Max: 256GB storage, support “Resume transmission when network disconnection”feature.
- Support intelligent functions of : Motion detection ,intrusion detection.

Adapt environment:

Applicable to the factory with IIA, II B, II C class T1 ~ T6 explosive mixture of flammable gas, steam and air in zone 0, 1, 2 areas and 20, 21, 20, 21, 20, 21, Area 22 is an explosion hazard area. Such as petroleum, chemical industry, wharf, oil depot, ship, drilling platform, gas station, mine, port, aerospace, military industry, medicine, steel, fireworks production, machinery, grain processing and storage and other places. The shell of this pan/tilt is made of stainless steel, and the window is made of tempered glass coated with waterproof film on both sides. It has a reasonable structure and a simple appearance. It has the functions of preset position, automatic scanning, automatic cruise, tracking, watch position and so on. It can be widely used in important fields such as border defense, military industry, warehouses, ships, and dangerous goods production.

Technical parameters

Product model		HL-E8007-W-4.0MP-SD
Visible light	Imaging devices	1/2.8 inch Scan 4 million pixels line by line CMOS image sensor
	Focal length/change	33X optical Zoom, 16X Digital Zoom
	Zoom mode	Electric zoom, autofocus
	Shutter	1/1 seconds ~1/30,000 seconds
	WDR	YES
	Minimum illumination	Color :0.001 Lux @(F1.5, AGC ON) Black and white :0.0005 Lux @(F1.5, AGCON), 0Lux (IR ON)
	Day and night switching	Automatic infrared filter switching color to black
	Code Protocol	H.265、 H.264
	Resolution	50Hz: 25fps (2560×1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560×1440, 1920 × 1080, 1280 × 960, 1280 × 720)
	Video streaming	Three-code stream
	OSD	Time OSD, Custom OSD

	Motion detection	Support				
	Privacy Cover	Support				
	SD Card	Support 256GB				
	Network protocol	TCP/IP、HTTP、DNS、DDNS、RTP、RTSP、PPPoE、SMTP、NTP、UPnP、FTP、HTTPS				
	Compatibility	ONVIF(PROFILE S,PROFILE G) ,GB28181-2016,OBCP				
Lens	Lens type	4.5 ~ 148.5mm, AF automatic focusing and motorized zoom lens				
	Digital Zoom	16				
	Optical Zoom	33				
	Iris	Auto; F1.5 ~ F4.0				
	Field of View (H)	56.2° ~ 2.6°				
	Field of View (V)	33.5° ~ 1.4°				
	Field of View (D)	69.2° ~ 3.0°				
DORI	DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
		4.5	72.9(239.3ft)	29.2(95.7ft)	14.6(47.9ft)	7.3(23.9ft)
		148.5	2187.9(7178.3ft)	875.2(2871.3ft)	437.6(1435.7ft)	218.8(717.8ft)
Head	Range of rotation	Horizontal 0-360° continuous rotation, vertical +90°~90°				
	Speed of movement	Level :0.1°-30° s, vertical :0.1°-30 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	Motion detection ,intrusion detection.				
	Auto Mode	Automatic cruise or arbitrarily set two-point patrol range				
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	316L stainless steel				
	Incoming hole specification	1 M25*1.5 feed hole				
	Installation mode	A variety of installation options depending on the application environment				
	Pressure	80-106KPa				
Product weight	29.5kgs					

