

# Explosion-Proof 2MP 25X High Speed PTZ Camera

## LY-EX-HSP-02

### Main Features:

- **2MP/1080P, Camera Solution: Hikvision 2507 Zoom Camera Module**
- **25X Optical zoom, Lens: 4.8- 120mm**
- **Power Supply: AC 220V**
- **Exclusive Curved Spherical Shape, Can Be Used in Corrosive Environment**
- **Explosion-Proof Mark: Exd IIC T6 Gb/ Ex tD A21 IP68 T80°C**
- **Color: 0.05Lux @ (F1.6,AGC ON), Black & White: 0.01Lux @(F1.6,AGC ON)**
- **Support ONVIF protocols, can be seamlessly integrated into the Hikvision backend devices.**
- **With Wall & Ceiling Mount Bracket for option**



## 2MP Explosion-Proof High Speed PTZ Camera

Explosion-proof performance in accordance with GB3836.1-2010 "Explosive atmospheres --Part 1: Equipment-- General requirements", GB3836.2-2010 "Explosive atmospheres --Part 2: Equipment protection by flame-proof enclosures "d" ", GB12476.2-2013 "Electrical apparatus for use in the presence of combustible dust-- Part 1: General requirements", GB12476.2-2013 "Electrical apparatus for use in the presence of combustible dust-- Part 5: Protection by enclosures "tD", made of Explosion-Proof structure.

### Main Features:

- \* The shell is made of high-quality 304 stainless steel or 316, corrosion protection and explosion-proof.
- \* Circular arc appearance, exclusive mold casting, the industry's first, beautiful and generous housing.
- \* The camera' lower cover is made of high quality aviation plastic transparent material, high hardness, strong light transmittance, brings the high quality images without any distortion.
- \* With 128 pcs presets, 4 pcs cruising track, trajectory self-learning function.
- \* No blind spot monitoring in all directions, accuracy of positioning 0.1°
- \* With network transmission, support ONVIF and other protocols, support the mainstream private protocol.
- \* 2MP/1080P, Camera Solution: Hikvision 2507 Zoom Camera Module
- \* 25X Optical zoom, Lens: 4.8- 120mm.
- \* Accept the customization, includes optical zoom, camera resolution, camera work distance, camera types and so on. (Hikvision, Dahua, Uniview, XM, Tiandy, Seetong and other brands for option).

### Application Environment:

With flammable gas of IIA, IIB, IIC, the ignition temperature group is zone 1 and zone 2 of T1-T6 group, places where flammable gas or explosive mixture of vapor and air is formed; it is also applicable to the 21 zone and 22 zone of the T1-T6 group of ignition temperature, places containing combustible dust mixtures, such as:

petroleum, chemical industry, mines, military industry, medicine, oil depots, ships, drilling platforms, gas stations, natural gas stations, gas stations, fireworks production, food processing and storage, etc. There are up to 128 preset positions, anti-lightning, anti-signal surge, multiple scanning modes, accurate capture of targets, suitable for monitoring of moving targets in various areas.

### Explosion-Proof 2MP PTZ Camera Datasheet:

Camera	
Model	LY-EX-HSP-02
Explosion-Proof Mark	Exd IIC T6 Gb / Ex tD A21 IP68 T80°C
Horizontal Rotation Angle	360° continuous rotating
Vertical Rotation Angle	0° ~ 90°, 180° (Auto-Flip)
Horizontal Rotating Speed	0.1°/S ~ 240°/S
Vertical Rotation Speed	0.1°/S ~ 120°/S
Motor Characteristics	High torque & precise stepping motor
Transmission Structure	High strength aluminum alloy LY12 gear with Precision synchronous belt
Presets	128 pcs
Preset Accuracy	± 0.1°
Image Sensor	1/2.8" Progressive Scan CMOS
Camera Solution	Hikvision 2507 Day & Night HD Chipset (Other solutions are available for option)
Min Illumination	0.05 Lux/F1.6(Color), 0.01 Lux/F1.6(Black/White)
SNR	> 52dB
White Balance	Auto/Indoor/Outdoor/Daylight Lamp/Sodium Lamp/Manual
Gain Control	Auto/Manual
Backlight Compensation	Support
Camera Zoom	25X Optical Zoom
Camera Lens	4.8-120mm
Video Compression	H.265/H.264/MJPEG
Compress Transmission Code Steam	32Kbps-12Mbps

Main Stream	1920x1080,1280*960,1280*720
Sub Stream	704*576,640*480,352*288
Resolution	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
Character Superimposition	Support channel name, date/time data superimposition ,overlay position is adjustable, can reverse color
Image Setting	Backlight compensation, HLC ,saturation ,brightness , contrast ratio, sharpness ,Gain ,Data Rate ,Code Rate ,Frame Rate can be configured via CMS or IE Browser
Network Protocol	TCP/IP,HTTP,DHCP,DNS,RTP/RTCP ,PPPoE ,FTP ,SMTP,NTP,SNMP
Interface Protocol	ONVIF,PSIA,CGI,ISAPI, GB/T28181 and others
<b>Others</b>	
General Function	Anti-Flicker, Multi-Stream, Password Protection ,OSD
Material	Quality 304 stainless steel (Can be used in corrosive environment, stainless steel 316 is optional)
IP Grade	IP68
Supply Voltage	AC220V
Operating Current	≤2000mA
Environmental Temperature	-25°C~60°C(<-30°C can use our temperature control device)
Atmospheric Pressure	86~106KPa
Relative Humidity	≤95%RH (+25°C)
Electrical Connection	Composite cable (Include Power cable and RJ45 Cable)
Installation	Wall Mounting (Ceiling Mount is available)
Cable Entry	G 1/2 " * 1
Housing Size	∅ 225 X 260 (∅ 225 X 385, Include Wall mount bracket)
Weight	≤12Kg

(The above camera solution is using Hikvision 2507 Camera Module, other solution is available for option in our company)

**Remarks:** One model may with multi-versions and several configurations, for final product details, please confirm with the sales staff directly.

**Product Images:**



**Product Dimension:**

