2MP Flameproof Infrared IP Camera

LY-EX-NFC-01-IR

Main Features:

- **2MP/1080P, Camera Solution: Hikvision Network Camera Module**
- **Camera Lens: 4/6/8/12/16/25mm is optional**
- **With External Infrared Array LEDs,IR Distance Up to 50M or 80M**
- **AC220V/DC12V/POE Is Available**
- **Using High Quality 304 Stainless Steel Material, 316 & 316L for Option**
- **Explosion-Proof Mark: Exd IIC T6 Gb/ Ex tD A21 IP68 T80°C**
- **Support ONVIF protocols, can be seamlessly integrated into the Hikvision backend devices.**
- **Video Compression: H.265/H.264/MJPEG**

1080P Ex Proof IP 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 Ex proof camera is made of high quality 304 stainless steel which with bright surface, can be used in the explosion-proof environment of corrosive gases, explosion-proof, waterproof, dust proof, IP68.

* 2MP/1080P, high performance CMOS Sensor, Hikvision HD network camera solution.

* With external infrared array LEDs, IR work distance up to 50M or 80M

* 4mm/6mm/8mm/12mm/16mm/25mm fixed lens is optional.

* The glass window of camera ,has the function of nano invisible wiper, which does not stick to water and oil, and repels dust, with high light penetration.

* Power supply: AC220V/DC12V/POE is available.

* With realtime H.265/H.264/MJPEG Encoding, support Skipping, Binning mode.

* Support HTTP, TCP/IP,DNS,DDNS,PPPOE and others protocols.

* Support 1920*1080 HD display, the highest resolution can be 5MP(2560*1920)@10FPS

* Support motion detection and privacy masking.

* SDK for second development, preview via IE browser.

* Accept the customization, integrates the transceiver module & wireless transmission module, heating equipment , windshield wiper ,sun-shading cover and so on.

* Accept the camera customization, includes camera lens , 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.

Explosion-Proof 2MP IP Camera Datasheet:

Camera	
Model	LY-EX-NFC-01-IR
Explosion-Proof Mark	Exd IIC T6 Gb / Ex tD A21 IP68 T80℃
Image Sensor	1/2.7" Progressive Scan CMOS
Camera Solution	Hikvision 2MP Network Camera Solution
MCU	Hisilicon chipset and high performance DSP
Min Illumination	0.1 Lux (Color), 0 Lux (Black/White) < 1Lux will turn on the IR LED automatically
Day/Night Mode	Double filter automatic switching (IR-cut)
Camera Lens	4mm/6mm/8mm/12mm/16mm/25mm and other HD 3MP lens is optional
IR Work Distance	30-50M or 60-80M
Video Compression	H.265/H.264/MJPEG
Video Bitrate	500K-8000Kbps,can be self-define
Main Stream	5MP@10fps,3MP@15fps,1920*1080@25fps,1600*1200@25fps, 1280*960@25fps,1280*720@30fps
Sub Stream	D1,CIF,VGA,640*360,480*270,QVGA,352*192,320*192, 288*192,256*192
Video Frame Rate	1~30fps
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 2.0
Time Display	Support time information superposition ,up /down/left/right is adjustable
Channel Display	Support 30 characters, up /down/left/right is adjustable
Motion Detection	Yes
Privacy Masking	4 Areas for setting
SNR	＞52dB
White Balance	Auto
Gain Control	Auto
Electronic Shutter	Auto
WDR	Digital wide dynamic range
Others	
Material	Quality 304 stainless steel (Can be used in corrosive environment, stainless steel 316 and 316L is optional)
IP Grade	IP68
Supply Voltage	AC110V~220V/DC12V/POE is optional
Operating Current	≤2000mA
Environmental Temperature	-25℃～70℃
Atmospheric Pressure	86~106KPa
Relative Humidity	≤95%RH (+25℃)
Electrical Connection	Composite cable (Include Power cable and RJ45 Cable)
Installation	Tripod head or Fixed Bracket
Cable Entry	G 1/2" * 2 or G 3/4" * 2
Product Shape Size	L380 * H240mm (Include IR LEDs)
Inside Dimension	Φ105mm ×275 mm
Infrared LED Consumption	10W
Weight	≤8Kg

(The above camera solution is using Hikvision 2MP Camera Module, other solution is available for option in our company)
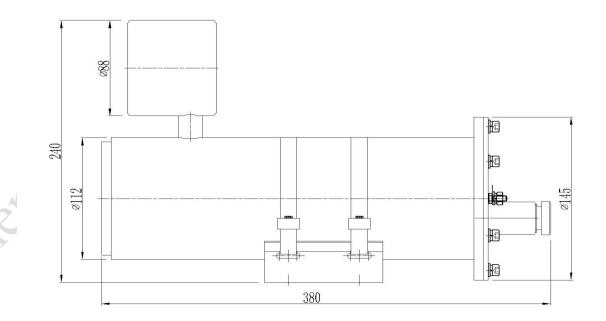
Remarks: One model may with multi-versions and several configurations, for final product details, please confirm with the sales staff directly.

Product Images:

Product Dimension: