

L1704C

Explosion-proof Light with IP camera



Net Weight: 5.5 kg (10.1 lb)

Zone 1
Zone 2
Zone 21
Zone 22
IP67
NEMA 6

Protection

- Ex db IIC T5 Gb
- Ex tb IIIC T95°C Db
- ⓂII 2 G Ex db IIC T5 Gb
- ⓂII 2 D Ex tb IIIC T95°C Db

Standards

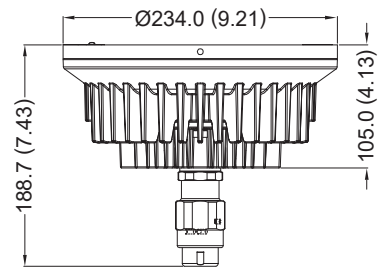
- IEC 60079-0
- IEC 60079-1
- IEC 60079-31
- EN 60079-0
- EN 60079-1
- EN 60079-31

Features

- The first product combines IP CAM and lighting function
- IP rating IP67/ NEMA 6
- The best surveillance product for hazardous location

Technical Data

Rated Voltage (±10%)	110V / 220V / 277V AC		
Watts (±10%)	40W / 60W (Not include camera 6W)		
Amps for Lightng	40W 110V: 0.36A, 220V: 0.18A, 277V: 0.14A 60W 110V: 0.55A, 220V: 0.27A, 277V: 0.22A		
Color of LED Light	3000K (Warm White) / 5000K (Cool White)		
Ambient Temperature	-20°C ~ +40°C, T5		
Power Factor	cos ≥ 0.9		
CRI	Cool White ≥ 70 / Warm White ≥ 80		
Lumen (±10%)	DOB	40W	60W
	3000K	3427lm	5179lm
	5000K	3789lm	5695lm
Beam Angle	X-110° / Y-110°		
Frequency	50 / 60 Hz		
Degree of Protection	IP67 / NEMA 6		
Material	• Enclosure • Glass	Aluminum alloy Tempered glass	
LED Service Life	60,000 hrs		
Entrance Thread	1 x NPT 3/4"		
Resolution	2 Mega Pixels , Full HD 1080P		
1080p HD	1920 × 1080		
720p HD	1280 × 720		
Video Compression	H.264 High / Main Profile Motion JPG		
PoE	IEEE 802.3af		
Digital Zoom	Yes		
PC Requirement	• CPU	Intel i3 or above	
	• OS	Windows 7, Windows 8, Windows 10	
	• RAM	4 GB or above, Dedicated graphics card	



Dimension in Millimeters (inches)

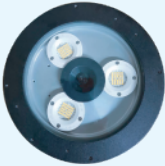



Applicable Area

- Oil Refinery Complex
- Petrochemical Complex
- Painting Facility
- Transporting Nature Gas
- Transproting Liquefied
- Petroleum Gas
- Offshore Platform
- (Oil and Natural Gas)

Model Code

THT	E	1704	A	B	A	C	9	F0
Brand, THT=Top Hi-Tech Co, Ltd.	Type of luminaies, E="d" flameproof LED lighting with CCTV	Model Name, 1704= Model L1704C	Sub-series, A=Luminaies with PoE driven CCTV	Type of top cover, B=Short top cover	Type of LED module, A=DOB type LED Module	C.C.T., C=Cool White, W=Warm White	Voltage, 1=110V, 2=220V, 9=277V	Wattage, D0=40W, F0=60W

Purchase Guide

Installation Procedure	Specifications	Area	POE/NVR Model selection
 <p>L1704C</p> <p>1</p>  <p>POE Power over Ethernet (Required Equipment)</p>	<p>2 mega pixels 30 meters infrared IP67, 24/7 surveillance Digital zoom</p> <p>Power surveillance equipment and provide video and audio transmission.</p>	<p>Zone 1 Zone 2 Zone 21 Zone 22</p> <p>Placed in an explosion-proof control box or non hazardous area.</p>	<p>POE</p> <p>Choose 1 from 4</p> <ul style="list-style-type: none"> Model: PMH-POE570WAT Maximum output power 70W Number of camera ports: 4 Model: PS3108C Maximum output power 130W Number of camera ports: 8 Model: PS3188C Maximum output power 250W Number of camera ports: 16 Model: PS3268C Maximum output power 370W Number of camera ports: 24
<p>2</p>  <p>NVR Network Video Recorder (Required Equipment)</p>	<p>Receiving and filing the POE video data and connect NVR host through internet for monitoring when mouse and screen monitor are connected. Remote monitoring available with the interface of Windows/IOS/Android.</p>	<p>Placed in an explosion-proof control box or non hazardous area.</p>	<p>NVR</p> <p>Choose 1 from 3</p> <ul style="list-style-type: none"> Model: NVR3216 Input Channel: 1~16 CH Installable Hard Disks: 2pcs 3.5" Maximum capacity support: 8TB × 2pcs Model: NVR3416 Input Channel: 1~16 CH Installable Hard Disks: 4pcs 3.5" Maximum capacity support: 8TB × 4pcs Model: NVR5832 Input Channel: 1~32 CH Installable Hard Disks: 8pcs 3.5" Maximum capacity support: 8TB × 8pcs Support eSATA external hard disk: 2 Port External hard disk maximum capacity: 16TB × 2
<p>3</p>  <p>Client device (Optional equipment)</p>	<p>Connect to Lilin's NAV Management system with your own device to:</p> <ol style="list-style-type: none"> Live play Recording Playback 	<p>Non hazardous area</p>	