

# L1704C

Explosion-proof Light with IP camera



<b>Zone 1</b>	<b>Zone 2</b>	<b>Zone 21</b>	<b>Zone 22</b>	<b>IP67</b>	<b>NEMA 6</b>
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### 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

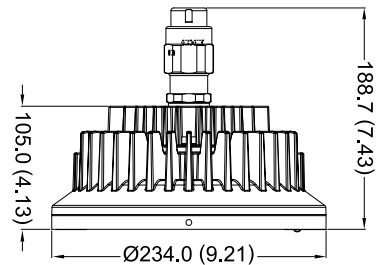
### Standards

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

Net Weight: 5.5 kg (10.1 lb)

## 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 • OS • RAM	Intel i3 or above Windows 7, Windows 8, Windows 10 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
						①	②	③

① **C.C.T.**

C=Cool White  
W=Warm White




② **Voltage**

1=110V, 2=220V, 9=277V

③ **Wattage**

D0=40W, F0=60W

## Purchase Guide

Installation Procedure	Specifications	Area
 <p>L1704C</p> <p>1</p>	<p>2 mega pixels 30 meters infrared IP67, 24/7 surveillance Digital zoom</p>	<p>Zone 1 Zone 2 Zone 21 Zone 22</p>
 <p>POE Power over Ethernet (Required Equipment)</p> <p>2</p>	<p>Power surveillance equipment and provide video and audio transmission.</p>	<p>Placed in an explosion-proof control box or non hazardous area.</p>
 <p>NVR Network Video Recorder (Required Equipment)</p> <p>3</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>Client device (Optional equipment)</p>	<p>Connect to NAV Management system with your own device to:</p> <ol style="list-style-type: none"> <li>1. Live play</li> <li>2. Recording</li> <li>3. Playback</li> </ol>	<p>Non hazardous area</p>