Larson Electronics LLC
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Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).

HAL-CMR-IP-POE-PTZ-2MP Hazardous Location Remote Observation Camera

Dimensions: 10" H x 6" OD
Camera Weight: -
Voltage/Power: POE
Video Framerate: 1080p @ 30fps
Image Sensor: 1/2.9" CMOS
Effective Pixels: 1920(H) * 1080(V)
Focal Length: 2.8mm to 12mm, motorized zoom
Megapixels: 2MP
Video Compression: H.264
Ambient Operating Temperature: -40°C to +65°C
Housing: Copper-free aluminum w/ Electrostatically Applied Epoxy/polyester Finish
Lens: Polycarbonate
Mounting: Wall, Ceiling or Pendant
Wiring Hub: (4)
Network Cable: Cat 5/6

Ratings

Class I, Division 2, Groups A, B, C, D
Class I, Zone 2, Groups IIC, IIB, IIA
NEMA 3, 4
PTZ/POE Outdoor Camera
Day/Night

Special Orders- Requirements

Contact us for special requirements

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The HAL-CMR-IP-POE-PTZ-2MP Hazardous Location Camera offers discreet and active monitoring inside hazardous locations. This NEMA-rated device generates clear images at 1920 x 1080 resolutions. The corrosion-resistant unit is protected by a copper-free aluminum housing and polycarbonate lens. Operators can mount the POE hazardous location camera on walls or ceilings and via pendant configurations.

Camera Features: The HAL-CMR-IP-POE-PTZ-2MP is designed to allow operators to have a live feed from inside a tank, reactor, vessel or other workplace observation in hazardous locations. The explosion proof camera is capable of capturing images at 1920 x 1080 resolutions (2 megapixels). Featuring pan, tilt and zoom controls, the day/night unit offers up to 3x zoom for far-flung targets. Operators can power the monitoring device via POE or wall outlet. Alternatively, a network cable can be used to power the unit, when connected to POE-enabled devices, such as a POE NVR or POE switch.

Our explosion proof cameras with Power over Ethernet (PoE) features enable data transfers and power to be passed through a single Ethernet cable that is usually a Cat 3/Cat 5 cable or better. There are several types of PoE, which come with their own respective standard and maximum power to port capabilities. The IEEE 802.3af PoE standard, with a voltage range of 44.0 - 57.0V, offers 15.4W of DC

power for each port. The IEEE 802.3at PoE standard, with a voltage range of 50.0 – 57.0V, provides up to 30W of DC power per port, which is ideal for surveillance cameras, antennas and network access points. The IEEE 802.3bt PoE standard, with a voltage range of 50.0 – 57.0V, provides 60W of DC power for each port. In order to utilize PoE properly, the components, such as the receiving unit and sending device, must be PoE compliant.

This explosion proof camera is constructed of copper-free aluminum with a polycarbonate lens. Operators are provided access to a total of four NPT hubs for wiring and/or mounting. The NEMA-rated unit can be mounted on walls or ceilings and via pendant configurations.

Applications: Vessel, tank and reactor monitoring, remote observation of external facilities, monitoring of cleaning, spray patterns, mixing, foaming, reaction, and level.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

Options:

-Mount

Example: -WAL

Mount	
WALL	-WAL
CEILING	-CLG
PENDANT	-PND

Links (Click on the below items to view):

- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**