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LARSON ELECTRONICS®

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Explosion Proof 1080p HD Security Camera - Optical & Digital Zoom - IP67

EXPCMR-ALG-OZ-IC-1080P-1227

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

EXPCMR-ALG-1080P-1227 Explosion Proof Remote Observation Camera
Dimensions: 8"L x 6"W x 9"H
Camera Weight: 3.7lbs
Total Watts: W Max
Voltage: 120-240V AC
Image Sensor: CMOS
Signal System: NTSC
Connectors: Terminal Strips
Effective Pixels: 1956(H) * 1266(V)
Min. Illumination: 0.1 Lux @ F1.2 AGC On / 0 Lux w/ IR
Shutter Speed: 1/25(1/30s) to 1/50,000s
Lens: 5-50mm Focal Length
Angle of View: 90°
Day/Night: ICR
Video Framerate: 1080p @ 30fps
Video Output: Analog over Copper Wire
Signal to Ratio: >62 dB
Language: English

Ambient Temperature Range: -10°C to +60°C
Housing Materials: Aluminum
Lens Material: Tempered Glass
Mounting: Adjustable Bracket
Wiring Hub: (2) 3/4" NPT

Quick Summary
Class I, Divisions 1 & 2, Groups B, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Divisions 1 & 2, Groups E, F, G
Class III, Divisions 1 & 2
Ex db IIC Gb
Ex tb IIC Gb Db IP66
NEMA 3, 4, 4X, 7 (B, C, D), 9 (E, F, G)

Special Orders- Requirements
Contact us for special requirements
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The EXPCMR-ALG-OZ-IC-1080P-1227 Explosion Proof Camera from Larson Electronics is designed for security and remote observation in both indoor and outdoor hazardous environments. This 1080p HD high resolution security camera features a 150` range, 10x optical zoom with autofocus, and 62x digital zoom for maximal coverage and accuracy. A digital inverter supports both HD-TVI and CVBS analog output.

Camera Features: The EXPCMR-ALG-OZ-IC-1080P-1227 security camera provides operators in hazardous areas with crisp 1080p HD high resolution images. A 5-50mm motorized lens automatically adjusts focus, providing operators with a precise 10x optical zoom and autofocus and 62x digital zoom image. A digital inverter supports both HD-TVI and CVBS analog output to a customer provided remote mount DVR system. This camera measures a compact 12.34" x 3.96" x 4.22" and the mounting base allows for precise aiming with 90° of vertical adjustment.

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The EXPCMR-ALG-OZ-IC-1080P-1227 security camera is built to perform under harsh and rugged conditions. This IP67 rated waterproof unit resists the corrosive effects of weather, dust, dirt, and humidity. This Class I Divisions 1 & 2, Class II Divisions 1 & 2, Class III Divisions 1 & 2 rated camera provides property and product security while also protecting operators with its safe and reliable explosion proof and weatherproof design.

Wiring: This unit is designed to operate on 120-240V AC. Link-up with the camera is achieved via customer provided standard stranded cable such as SOOW. The cable video/power drop cable can be routed either through the mounting surface or through a cable guide on the edge of the mounting base.

Mounting: The EXPCMR-ALG-OZ-IC-1080P-1227 explosion proof security camera is secured to flat surface, such as a ceiling or wall, using and adjustable reverse pedestal style bracket. The included mounting bracket allows 90° vertical adjustment and 360° of swivel for precision aiming.

Applications: Vessel, tank and reactor monitoring, remote observation of external facilities, offshore and land based rigs, indoor and outdoor security, commercial buildings
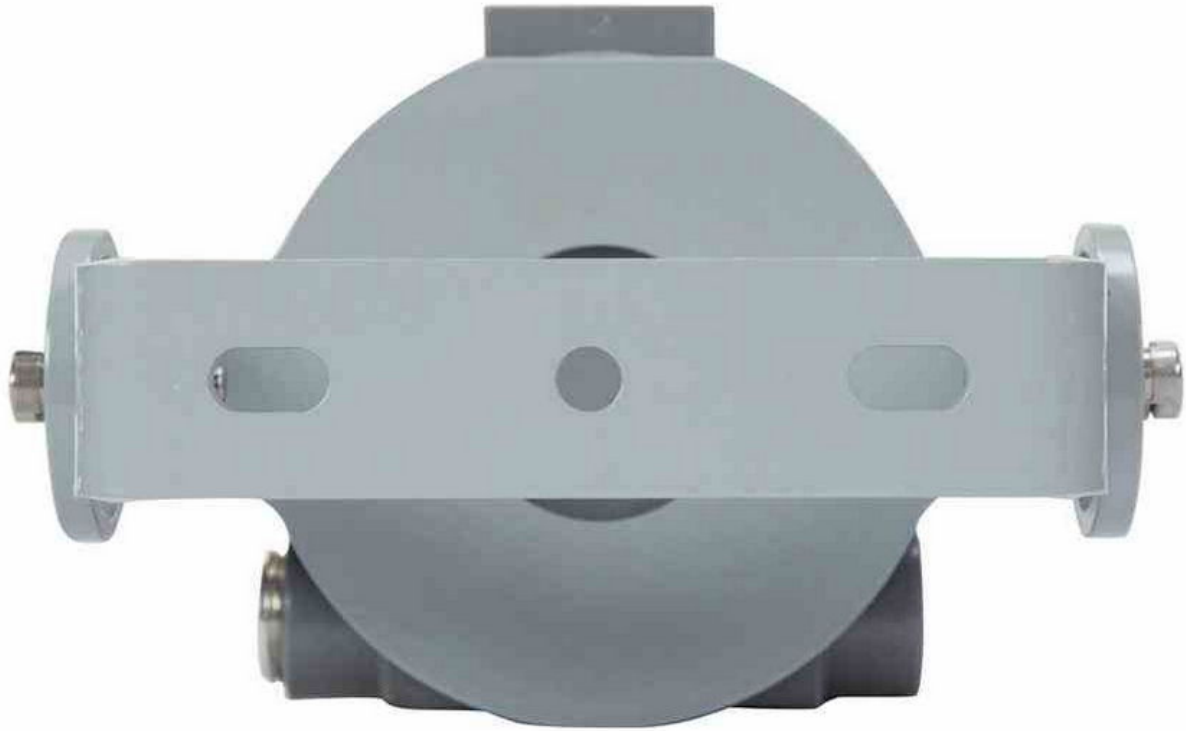
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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)

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Links (Click on the below items to view):

- ATEX Certificate (European Explosion Proof)

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)

- CE Certificate

- Certificate 1, Misc

- Certificate 2, Misc

- Certificate 3, Misc

- Certificate 4, Misc

- IEC Ex Certificate (International Explosion Proof)

- MSDS (Material Safety Data Sheet

- Operations Manual

- RoHS Certificate (Restriction of Hazardous Substances)

- SpecSheetFrench

- SpecSheetRussian

- SpecSheetSpanish

- STEP File (3D CAD Model)

- USA NEC Certificate (Commonly referred to as UL Certificate)

- HigResPic1

- HigResPic2

- HigResPic3

- HigResPic4

- HigResPic5

- HigResPic6

- HigResPic7

- HigResPic8

- HigResPic9

- ISO 9001 Certification

- Business Certificate