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Explosion Proof 1080p HD Security Camera - 12V DC - Digital Zoom - HD-SDI Output

EXPCMR-ALG-HDSD-1080P-12VDC

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

EXPCMR-ALG-HDSD-1080P-12VDC Explosion Proof Remote Observation Camera
Listing: NRTL Listed for United States and Canada
Dimensions: 8"L x 6"W x 9"H
Camera Weight: -
Total Watts: -
Voltage: 12V DC
Image Sensor: Progressive Scan CMOS
Imager Size: 1/3
Megapixel: 2.1 MP
Resolution: 1944 x 1092
Pixels: 1080p + 1000 TVL
Functions: DSS/Range, Day/Night Function, Digital Noise Reduction (DNR), OSD, Wide Dynamic
Digital Zoom: Up to 8x
Dynamic Range (dB): 48
Lux: 0.05
AGC Control: Built-in
Video Output: HD-SDI, CVBS Video Out
Language: English
Ambient Temperature Range: -10°C to +50°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
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The EXPCMR-ALG-HDSD-1080P-12VDC 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 day/night functionality, 8x digital zoom, wide dynamic range, backlight compensation and automatic gain control. The monitoring device operates on 12V DC and offers HD-SDI output.

Camera Features: The EXPCMR-ALG-HDSD-1080P-12VDC security camera provides operators in hazardous areas with crisp 1080p @ 30 fps high definition images. The lens automatically adjusts focus, providing operators with precise 8x digital zoom. This 2.1 megapixel unit supports HD-SDI and CVBS 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.

The EXPCMR-ALG-HDSD-1080P-12VDC 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 12V DC. 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-HDSD-1080P-12VDC 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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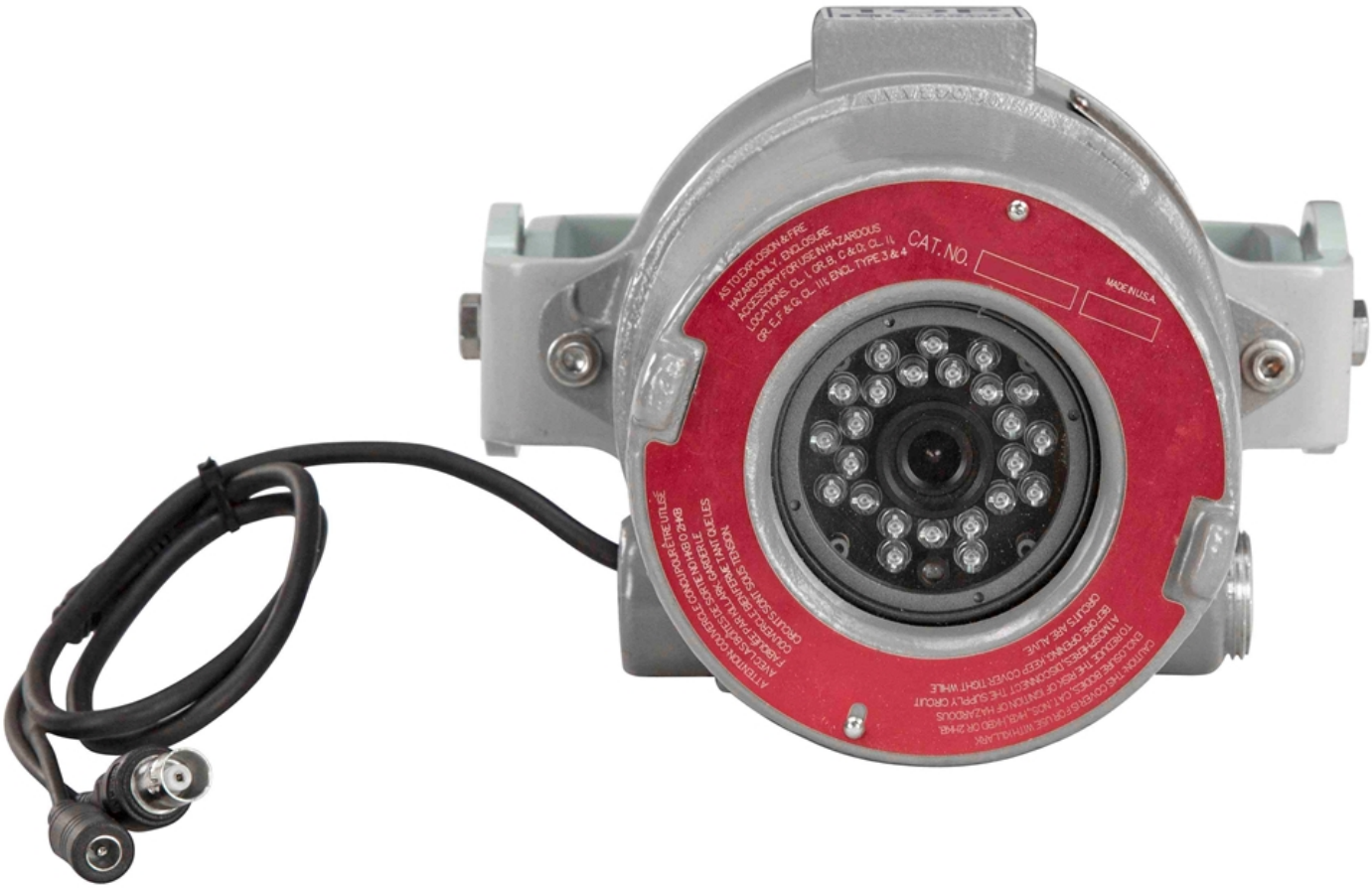

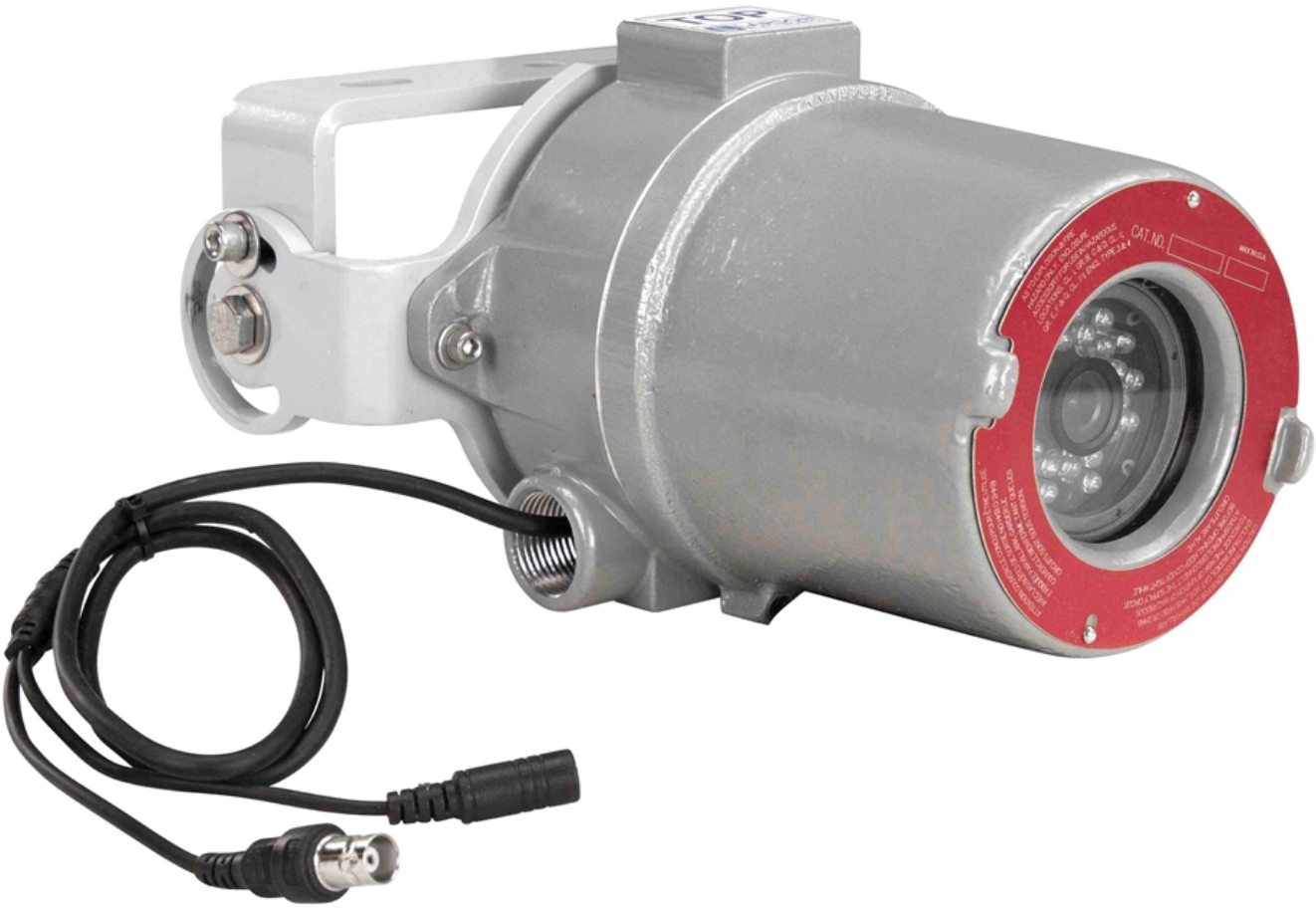
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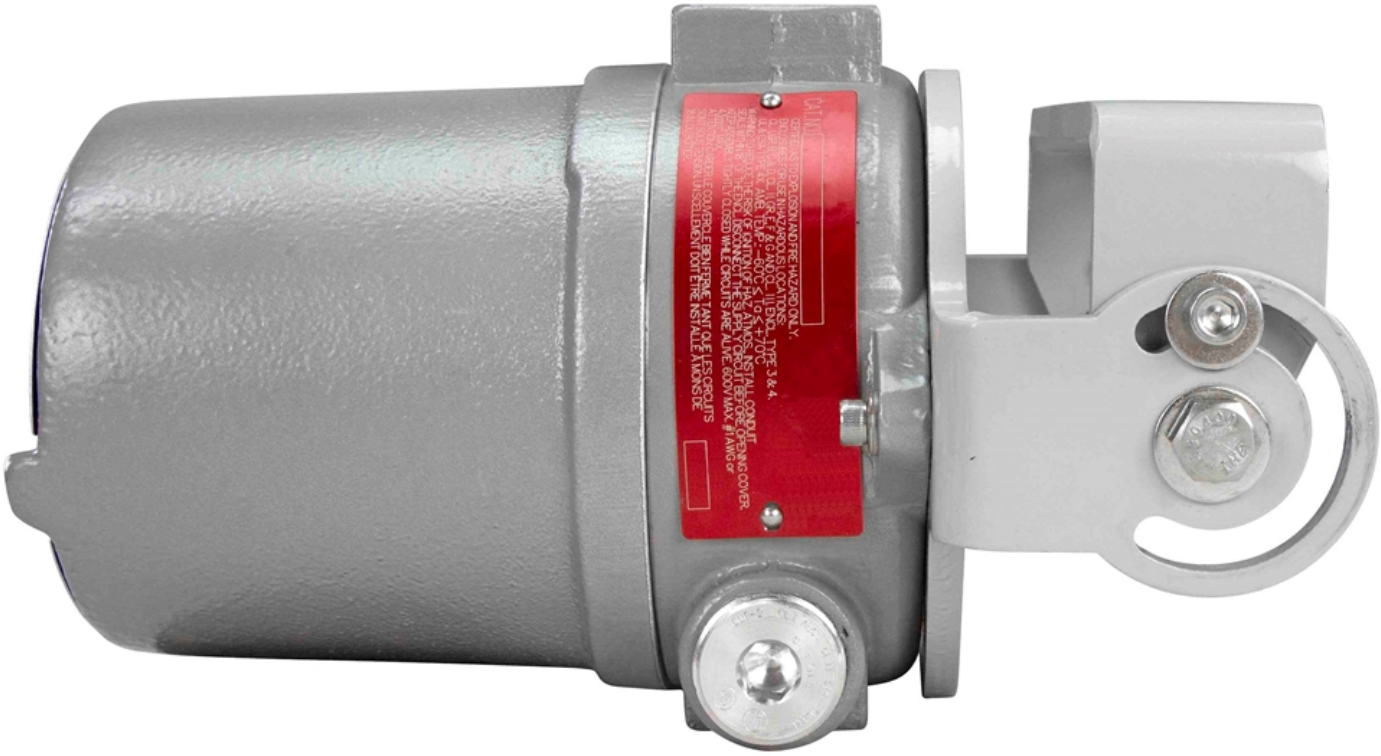

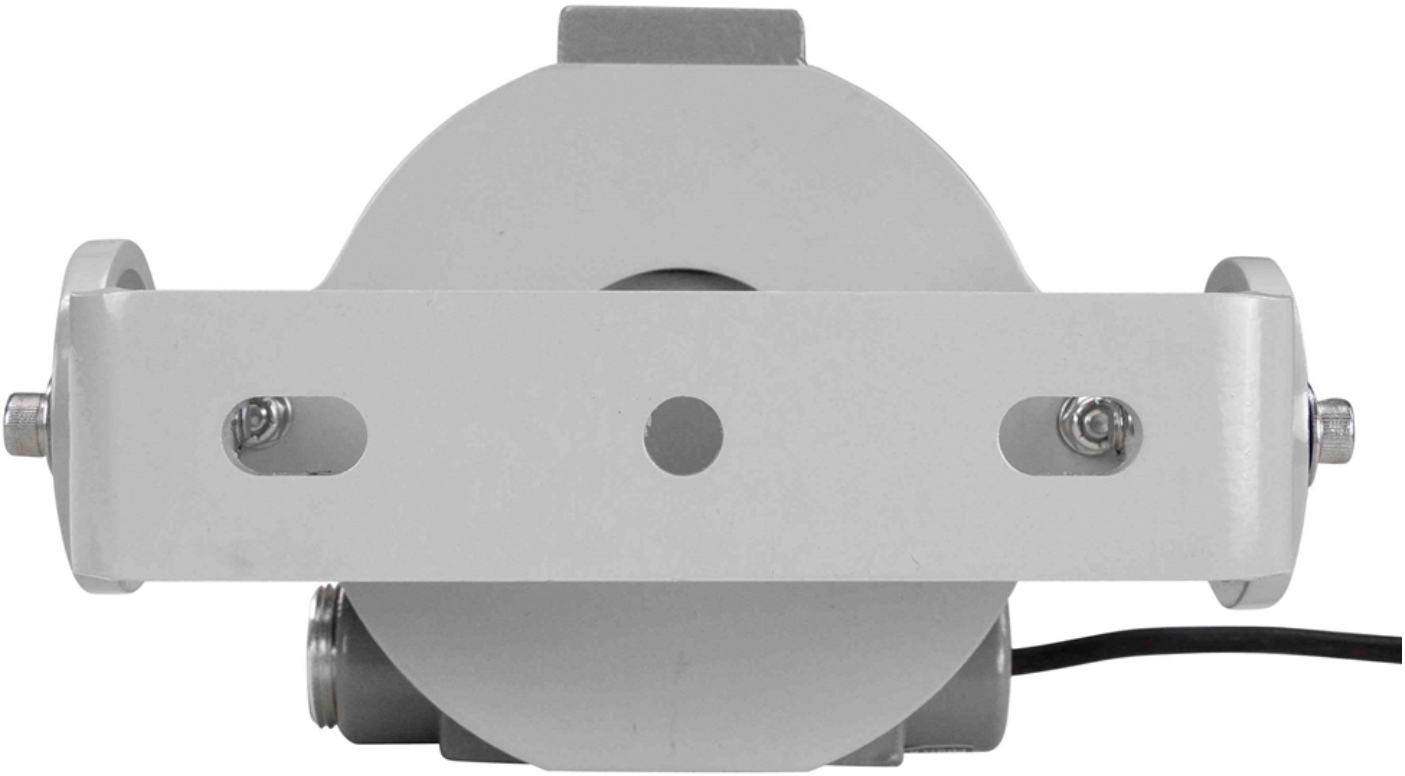

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**