Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EXPCMR-ALG-HDSD-1080P-12VDC

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

Product ID: 272283

Image: EXPCMR-ALG-HDSD-1080P-12VDC

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

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 - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
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.

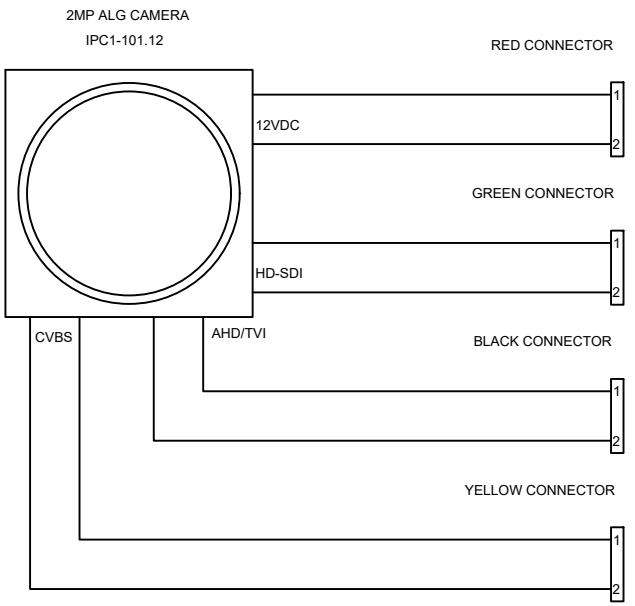
Applications: Vessel, tank and reactor monitoring, remote observation of external facilities, offshore and land based rigs, indoor and outdoor security, commercial buildings.

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.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	03/11/2021

EXPCMR-ALG-HDSD-1080P-12VDC

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
IPC1-101.12	1	N/A	HD-SDI/TVI/AHD/CVI/960H 6-in-1 Hybrid Security Camera Starlight Color Night Vision, IP66

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KEMP, TX 75143

TITLE	EXPCMR-ALG-HDSD-1080P-12VDC		
DRAWN BY	K.NGUYEN	DATE	03/11/2021	REV	A
CHECKED BY	S.DESAI	SHEET #	1 OF 1	DRAWING #	101

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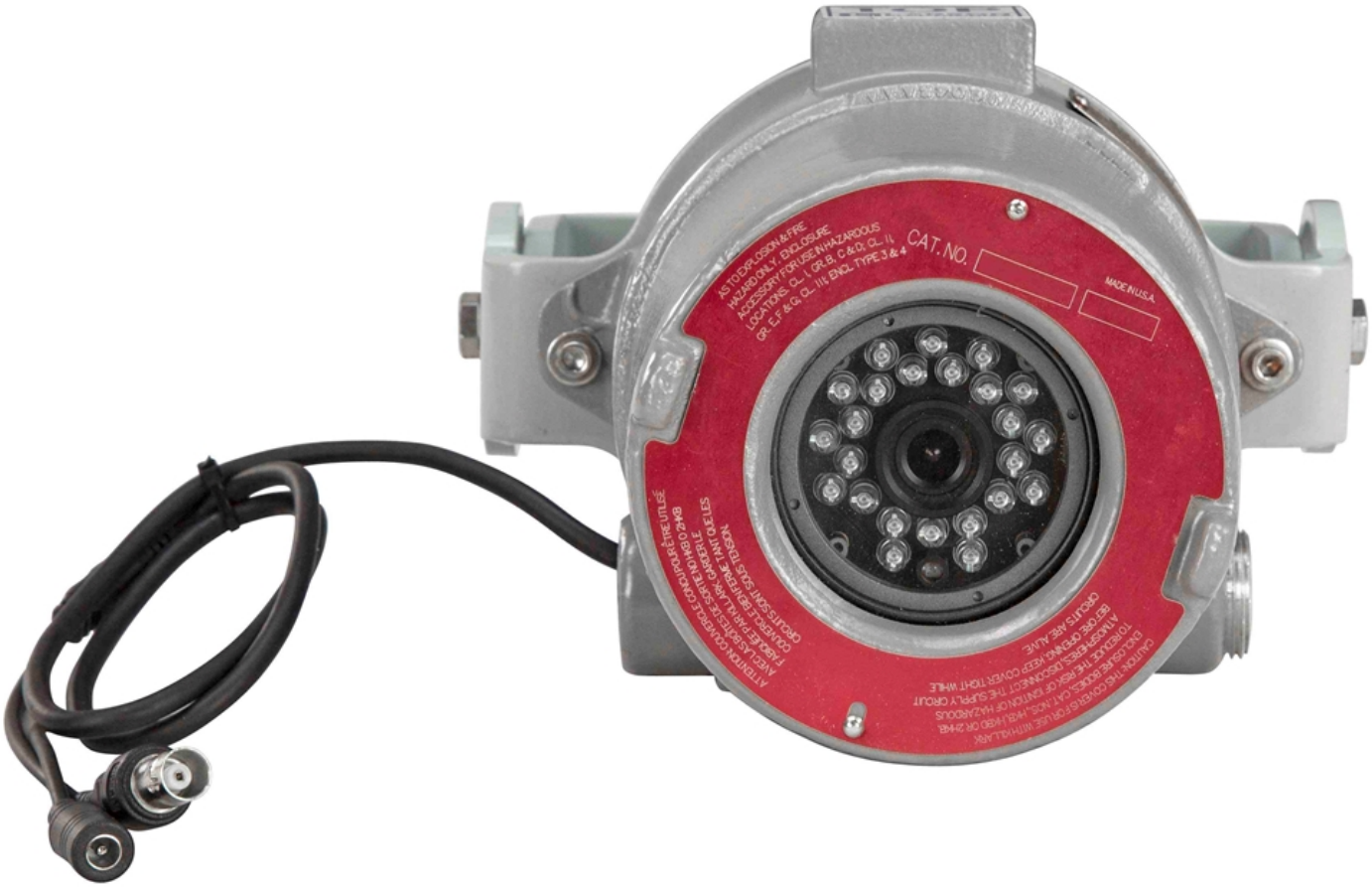

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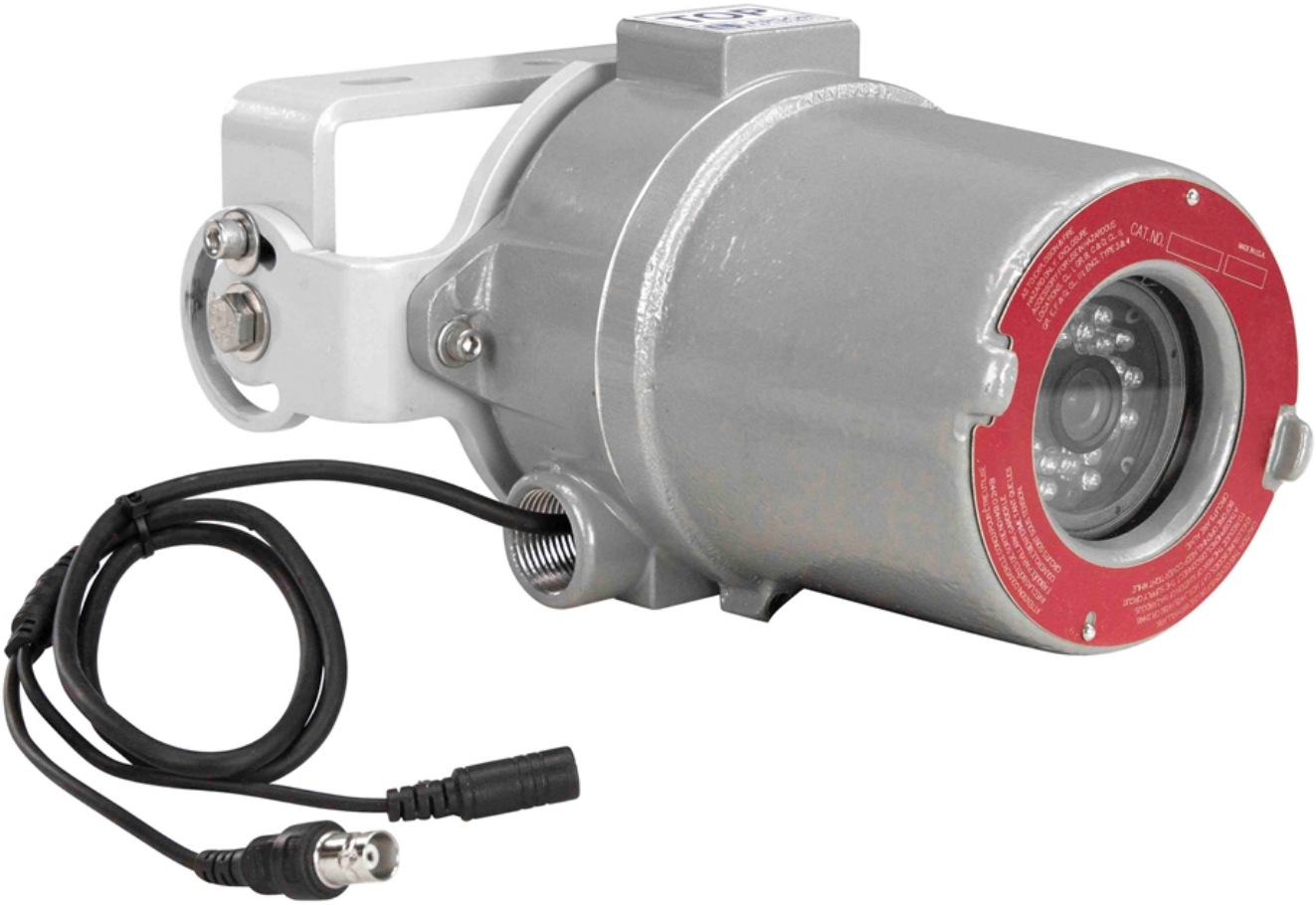

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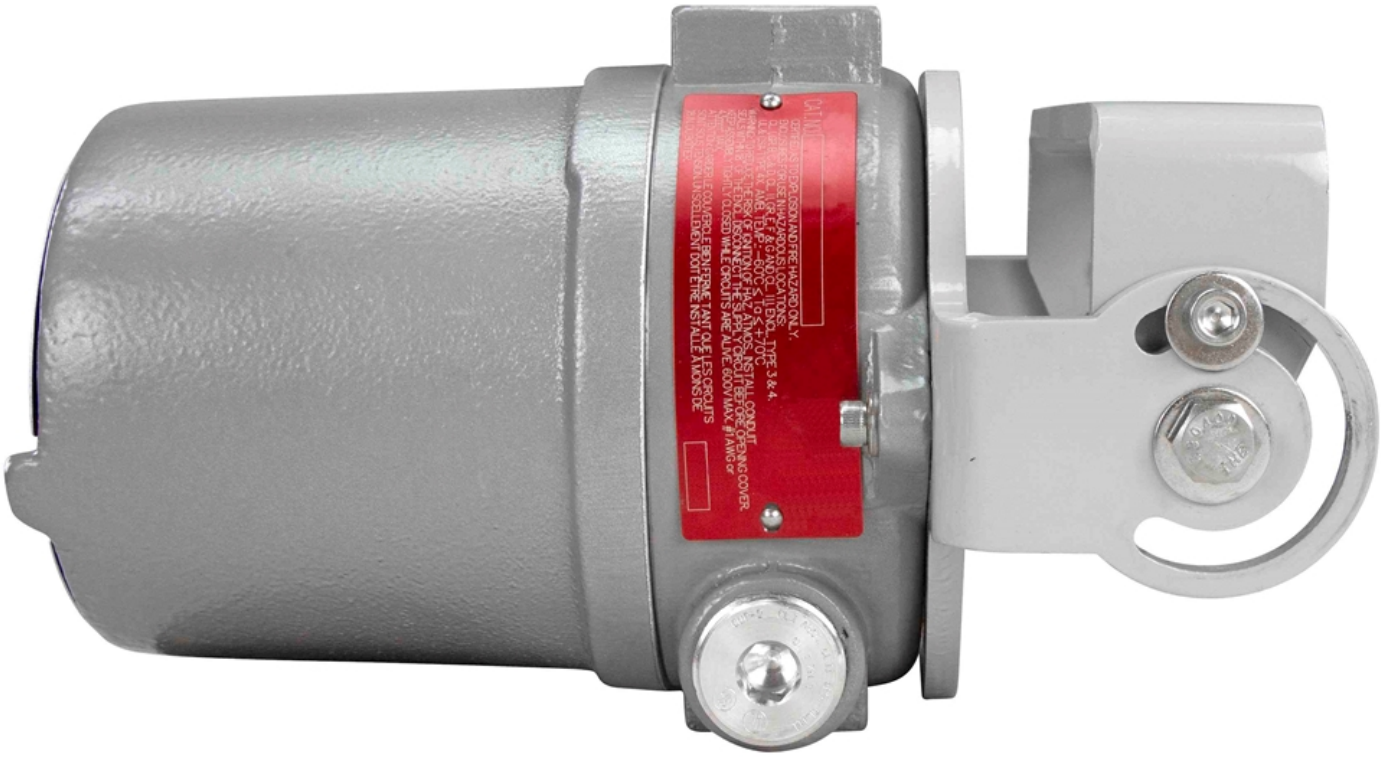

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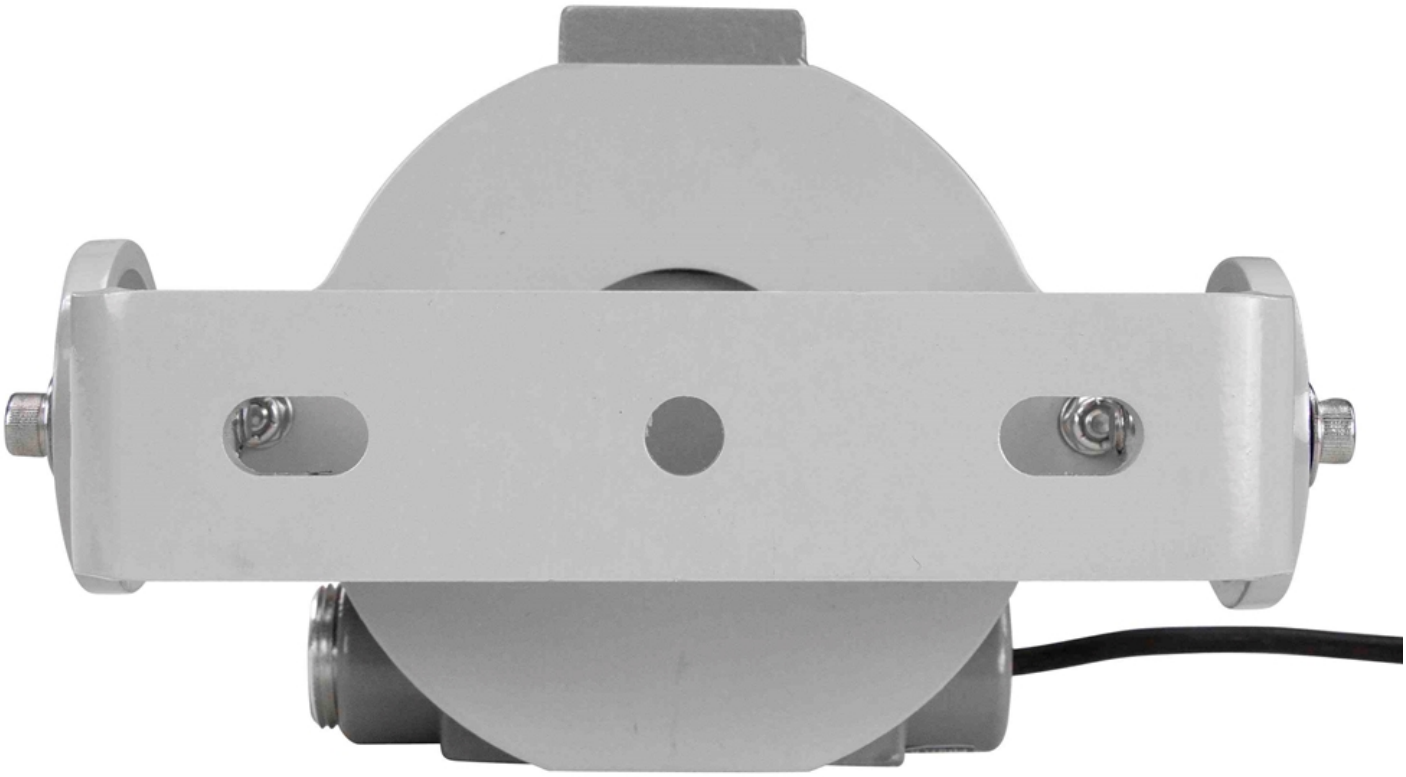

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Frequently Asked Questions (FAQ)

There are no Faqs