
ATX-EXPCMR-BP-HH-QXGA

Battery Powered Intrinsically Safe Camera - Auto Focus - (2) AA - C1D1, ATEX/IECEx Ex II, Zone 0

Product ID: 222140

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



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.

ATX-EXPCMR-BP-HH-QXGA Intrinsically Safe Camera

Unit Type: Explosion Proof Battery Powered Camera

Dimensions: 5.20" x 1.26" x 0.87" (132mm x 32mm x 22mm)

Weight: 0.44 lbs (200g)

Power: (2) AA Batteries

Batter Runtime: Up to 600 Shots w/o Flash and 100 Shots w/ Flash

Power Modes: On, Auto Power Down After 3 Minutes

Camera Resolution: 2048 x 1536

Megapixels: 3.1

Lens: Autofocus w/ 3.39mm Effective Focal Length, F2.8

Focal Distance: 5cm to Infinity

View Finder: 2 Element Optical View

Flash: (4) LED Flash, 131 Lux/Seconds @ 67ms Exposure

FOV (Degrees): 68° Diagonal

Audio Recording Format: Wav

Image Format: Jpeg

Time/Date: PTP, Automatic

System: PTP imaging device in Windows XP/Vista/7/8 and most versions of Linux; USB firmware upgrade utility for Windows XP/Vista/7/8 only

Memory: On Board 1Gb NAND Flash

Connectors: USB 1.1 via Mini-USB Socket

Ambient Temperature Range: Group II -20°C to +60°C / Group I 0°C to +60°C

Relative Humidity: 95% RH Non-condensing

Material: Injection Molded Anti-static Plastic (Housing), Anti-static Silicone Rubber (Boot)

Ratings

Class I, Divisions 1&2 Groups A,B,C,D

ATEX/IECEx Rated

Ex II 1 G Ex ia IIB T4/T3 Ga

Ex II 2 G Ex ia IIC T4 Gb

-20°C =Ta= +60°C I M1 Ex ia I Ma 0°C =Ta= +60°C

IP65

Mount: Portable, Handheld

Package Contents: Camera, Safety Lanyard Strap, Rubber Casing, USB Cable, (2) AA Batteries

The ATX-EXPCMR-BP-HH-QXGA Battery Powered Intrinsically Safe Digital Camera from Larson Electronics is suitable for use in Class I, Division 1 and ATEX/IECEX rated combustible sites. Powered by two AA batteries, the handheld monitoring device offers audio and video recording @ 3.1 megapixels (2048 x 1536 resolution). Constructed of injection molded anti-static plastic (housing) with anti-static silicone rubber (boot), the IP65 rated camera features autofocus and USB connectivity.

Camera Features: The ATX-EXPCMR-BP-HH-QXGA intrinsically safe camera provides operators in hazardous areas with crisp high resolution images and audio recordings. Equipped with a 3.39mm lens with autofocus, this battery-powered unit produces up to 3.1 megapixels @ 2048 x 1536 resolution images. The explosion proof device features a two-element optical view finder and 68° diagonal field of view. Flash is provided by 4 LEDs, providing 131 lux/seconds of energy @ 67 ms exposure. This ATEX/IECEX rated camera handles .wav audio recording format and .jpeg image format. Operating modes include on and auto power-down after 3 minutes.

This camera is capable of recording audio and taking still shot images with or without flash. This camera does not record video formats.

The ATX-EXPCMR-BP-HH-QXGA is powered by two AA batteries, which allows for approximately 600 shots without flash and 100 shots with flash. Connectivity is facilitated by USB 1.1 (mini-USB socket), connected only in safe areas and certified for direct connection to a computer without an external protection barrier. Operating system compatibility includes Windows XP/Vista/7/8 and most versions of Linux. USB firmware upgrade utility for Windows XP/Vista/7/8 only. Time and date stamping is provided automatically (PTP).

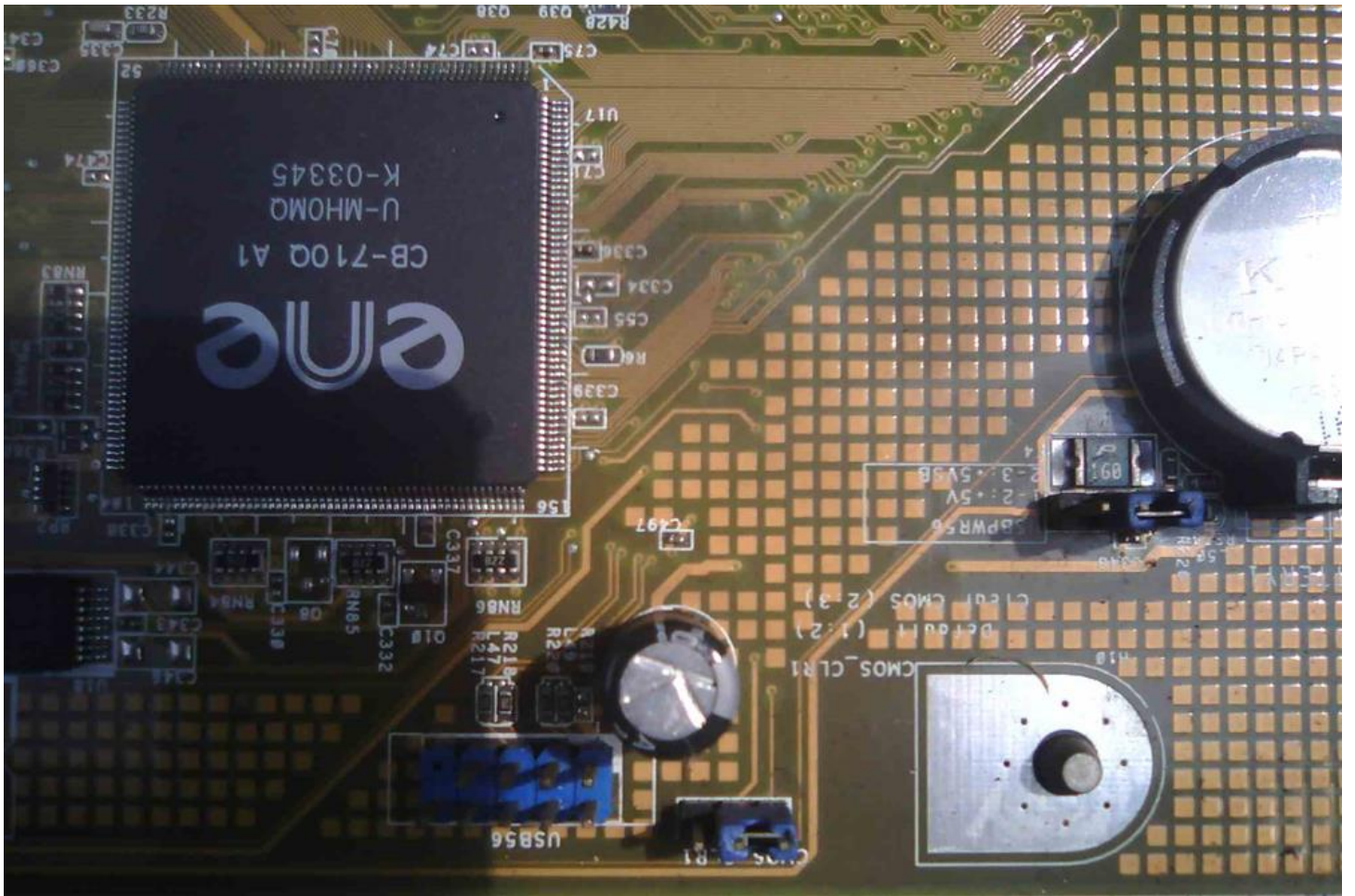
The intrinsically safe security camera is constructed of injection molded anti-static plastic (housing), with anti-static silicone rubber (boot). For use in combustible environments, the IP65 rated waterproof unit resists the corrosive effects of weather, dust, dirt, and humidity. The camera is capable of operating in hazardous locations and ATEX/IECEX rated facilities with temperatures ranging between -20°C to +60°C (Group II) or 0°C to +60°C (Group I).

Mounting: The ATX-EXPCMR-BP-HH-QXGA is a point-and-shoot device that is designed for portable use, allowing operators to hold the camera when recording.

Applications: Remote observation of external facilities, offshore and land based rigs, indoor and outdoor security, commercial buildings, service garages, oil refineries and other applicable hazardous locations and flammable sites.

Frequently Asked Questions (FAQ)









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