

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

### ATX-EXPCMR-BP-HH-QXGA

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



#### **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)

**Mount:** Portable, Handheld

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

#### **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

#### **Special Orders- Requirements**

Contact us for special requirements

**Toll Free: 1-800-369-6671**

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**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 combustibile 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.

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](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

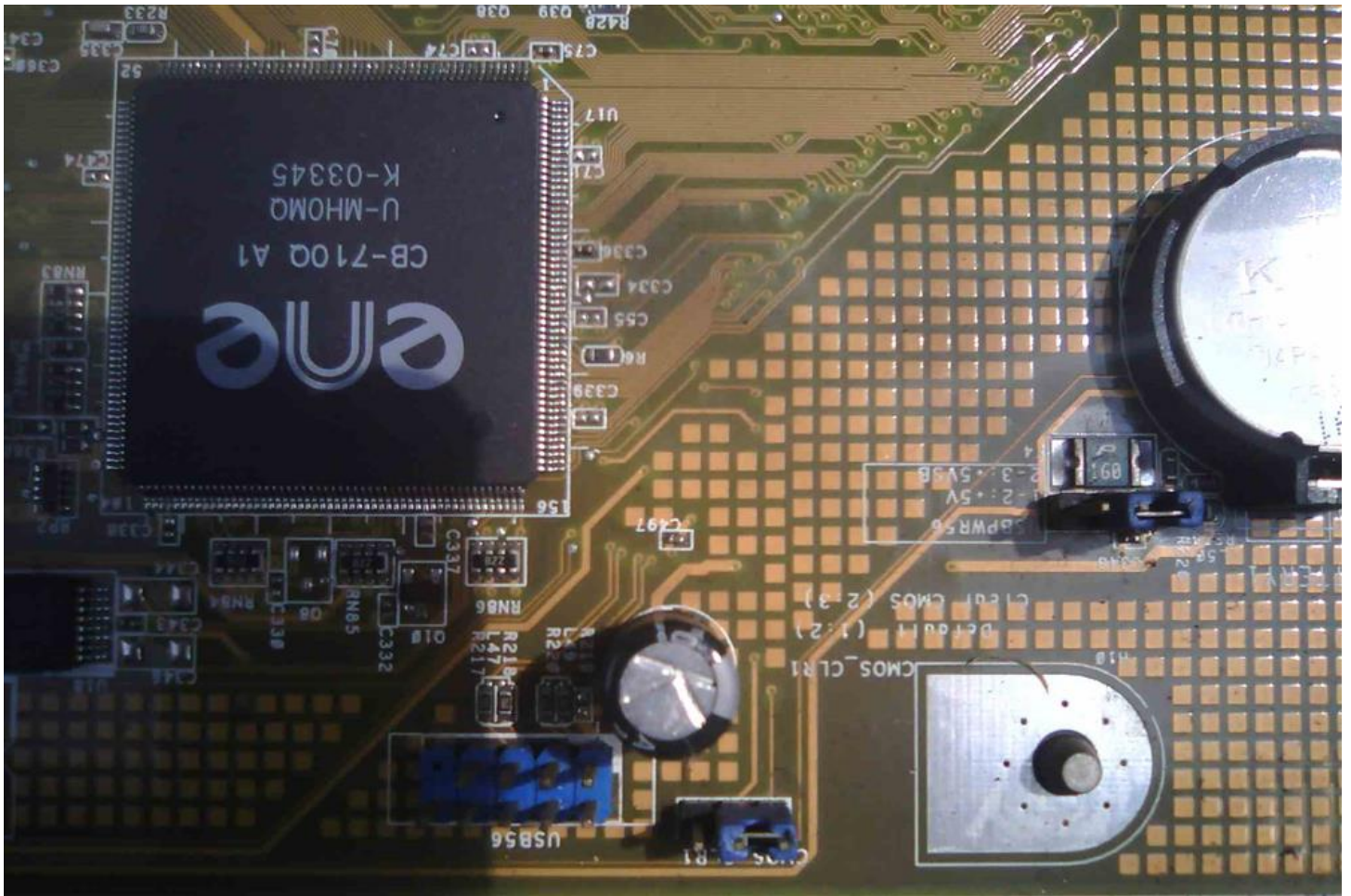
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## Frequently Asked Questions (FAQ)









Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)