

Explosion Proof Wireless 1080p/12MP Digital Action Camera w/ Linear Handle - Rechargeable - Portable Instruction Manual

Thank you for your purchase of the Larson Electronics EXPCMR-ATCM-12MP78-RC Hazardous Location Fluorescent Light. Please follow the steps below in order to operate and maintain this product.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

OPERATION

The Explosion Proof Wireless Digital Action Camera from Larson Electronics allows operators to record, review and distribute information with the complete accuracy and precision that only images can provide. This 12MP/4K camera and video recorder features anti-shake stabilization technology, 4X zoom, burst mode, timer and continuous settings and -2/-4/-8X slow motion. The rechargeable 900mAh battery gives operators the ability to move about the worksite freely while the linear handle provides increased stability and control as well as greater flexibility in positioning and angling the camera. The Class I Division 1 rated EXPCMR-ATCM-12MP78-RC lets operators explore, inspect, record, replay, and share without compromising safety.

Fully charge the system prior to operation. Charge time is 4 hours. A 120V plug attached to the unit is used for charging. See plug operation on *page 2*.

To power on the camera, open the front camera side of the enclosure. There is a power switch inside. This will need to be switched ON to power the camera.

WARNING: DO NOT OPEN ANY PART OF THIS DEVICE WITHIN A HAZARDOUS AREA.

- To open lens, loosen the set screw. Rotate cover counter-clockwise until free.
- Toggle the power switch ON. You will hear 3 short beeps indicating camera power is on.
- To close lens, rotate cover clockwise until tight. Make sure rubber gasket is in place and does not interfere with installing the cover. Tighten the set screw.

Note: Use a tool bar to further tighten the cover module if required.

Once the power switch has been turned ON for the camera, it is ready for operation.

The camera can be controlled standalone with the function button or with the IOS or Android app.

The function button works with a series of presses to change functions, start/stop recording, take a photo or to enable Wi-Fi.

Functions are as follows:

The amount of clicks must be done within 3 seconds in order for the function to occur. Allow at least 5 seconds after pressing the function button for the function to take effect.

- 1 click** – Toggles between modes: video, photo, and settings menu.
- 2 clicks** – Starts/Stops recording (in video mode) and takes pictures (in photo mode).
- 3 clicks** – Turns Wi-Fi function ON or OFF.

Each mode is indicated by a series of LED lights on the back of the action camera. The colors are as follows:

Red = Power ON
Blue = Video
Green = Photo
Orange = Menu
2nd Blue Light = Wi-Fi enabled if illuminated.

Wi-Fi:

Wi-Fi is used to connect to your phone or tablet via the app called, “**RunCam App**”. Once downloaded, proceed with the steps below.

To connect to camera:

1. Power ON the camera.
2. Press the function button 3 times (within 3 seconds.) A separate Blue light will flash until your device is connected.
3. Connect to the camera Wi-Fi:

Default SSID: RCSplit_***** (* for letters or numbers)

Default Wi-Fi password: 1234567890

4. Once connected, open the app and change the camera to: “**RunCam Split**”.
5. Press **Connect your camera**
6. You will then have a live preview, start/stop recording and picture taking capability. You can also adjust settings, manage the microSD card storage and update the firmware through the app.

PLUG OPERATION

Compatible recepticals are typically dead-front construction. Electrical connection between it and plug is accomplished after plug fully inserts into receptacle and rotated clockwise.

1. Lift receptacle door and locate polarization on mating plug pin and receptacle face. Insert plug straight all the way into receptacle until it cannot go further.
2. Rotate plug clockwise limit (37°), this closes internal contacts and completes circuit. This also mechanically locks plug into receptacle so it cannot be pulled out.
3. To remove plug, push plug inward and turn to counterclockwise, pull plug straight out.



MAINTENANCE

Electrical and mechanical inspection of all components must be performed on a regularly scheduled basis, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

WARNING: ELECTRICAL POWER SUPPLY MUST BE “OFF” BEFORE AND DURING INSTALLATION AND MAINTENANCE. INSTALLATION AND MAINTENANCE PROCEDURE MUST BE PERFORMED BY A TRAINED AND COMPETENT ELECTRICIAN.

1. Inspect all contact wire terminals for tightness. Discoloration due to excessive heat is an indicator of a possible problem and should be thoroughly investigated and repaired as necessary.
2. Inspect contacts for signs of wear and replace if necessary.
3. Clean exterior surfaces making sure nameplates remain legible.

If any part appears to be missing, broken, or show signs of damage—discontinue use immediately! This condition could cause serious or fatal personal injury due to electrocution and/or equipment damage. Repair with the proper replacement part(s) before continuing service.

These instructions may not cover all details or variations of this product for your equipment or installation requirements. Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.