



CUESrecon Pole Camera

QUICK START GUIDE

P/N CMD00066-MAN, Revision: 3 - 03.2026



We're Always Here To Help

Thank you for purchasing our CCTV pipeline inspection equipment! We truly appreciate your business and are confident that our products will meet your pipeline inspection needs. Should you require further assistance, please do not hesitate to reach out to us through one of the weblinks listed below. Your satisfaction is our priority, and we are here to support you every step of the way!

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There are no user serviceable parts inside the **CUES** video system. Do not disassemble or attempt to repair. If a problem cannot be resolved, then contact CUES.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide a reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

This Class B digital apparatus complies with Canadian ICES-003

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an occupational/controlled environment. This equipment should be operated with a minimum separation distance of 1" (2.5 cm) between the internal antennas and the user or nearby persons.

This device is intended for use by trained personnel only and is not intended for use in a general population/uncontrolled environment. This equipment is intended for **occupational use only**.

WARNING

THE FOLLOWING HAZARDOUS SITUATIONS MAY RESULT IN DEATH OR SERIOUS INJURY.

Never use any CUES instrument to observe body cavities of humans or animals.

To avoid explosions or fires, never use any CUES equipment in areas exposed to flammable gases or liquids. The System is not explosion proof.

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Quick Start – Set-Up and Operation

Step 1 – Charging the System Batteries

Wireless Pole Handle Battery

The ELE00023 battery has a built in 5 bar battery gauge visible on the end of the battery pack. Charge if necessary. Otherwise proceed to Step 2.



Battery Inserted in Charger Base

- 1) Apply power to the charger with the wall power supply or vehicle power adapter.
- 2) Insert the battery to be charged into the battery charger base. A fully discharged battery will take less than 3-1/2 hours to charge.
- 3) The charger LED sequences as follows:

Green, slow flash System preparing to charge

Green, fast flash: Battery charging

Green, solid: Battery fully charged

Red, solid: Error - Remove the battery from the charging base and re-insert making sure the battery is fully seated in the charging base.

Battery Gauge



The ELE00023 battery has a built in battery gauge to show relative strength of the battery. When all five bars are shown, the battery is at full strength.

2/5^{ths} Charged Battery

Quick Start – Set-Up and Operation

Display Battery-

1. Locate the charge port on the Display and open the cover to expose the charge receptacle.



ELE00028

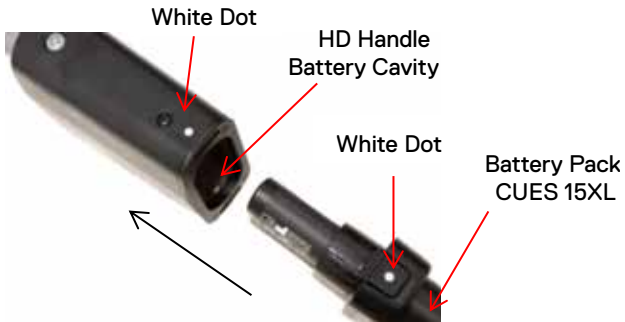
2. Connect the power supply output connector to the charge receptacle on the display device.



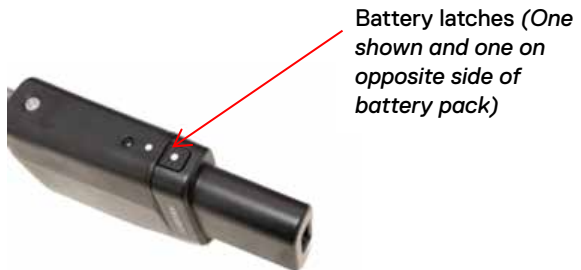
ELE00024

Step 2 - Connect the Battery

Note: The CUESrecon Handle comes shipped with the battery already attached. If the battery is installed and charged, proceed to step 3.



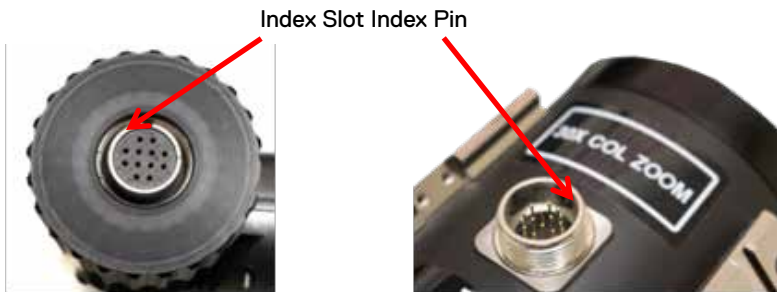
Battery Pack Being Inserted



Battery Pack Fully Inserted

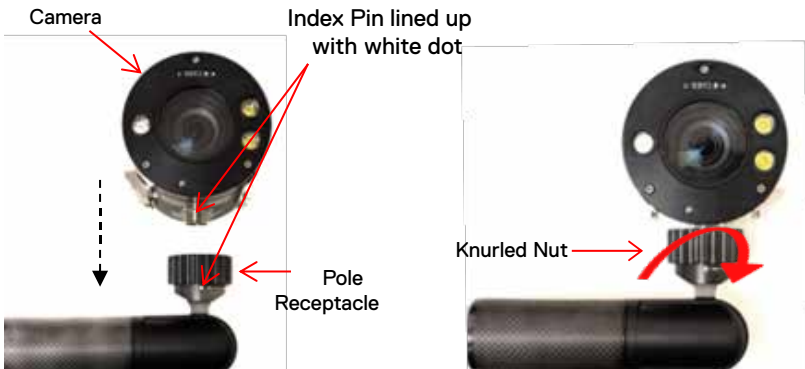
Step 3 - Connecting the Camera to the Pole

1. Position the Camera at the end of the pole. Make sure the index pin on the Camera is in line with the index slot at the end of the Pole. The white dot at the end of the pole indicates the Index Slot location. The Camera should fall into place if properly aligned.
2. Tighten the knurled nut to lock the Camera onto the HD pole. **DO NOT** use the system without fully locking the Camera onto the pole. **Do not over tighten!**



Pole Camera Receptacle – End View

Camera Connector – End View



Insert Camera connector into Pole Receptacle

Tighten knurled Nut while holding camera body

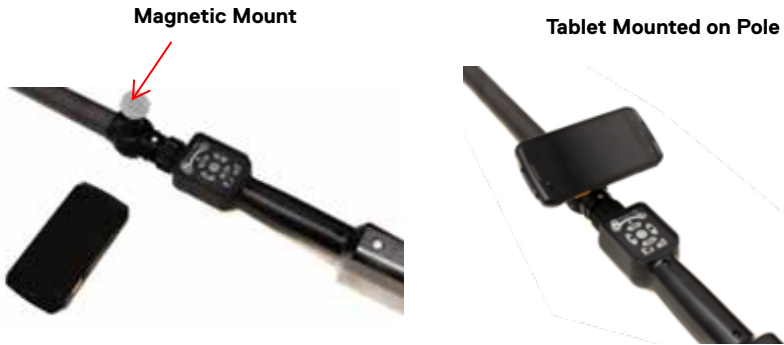
Step 4 - Connect the Pole to the Handle

Note: Some systems come shipped with the Handle already attached. If so, proceed to Step 5.



1. Position the CUESrecon Handle at the appropriate end of the HD pole.
2. Insert the connector end of the CUESrecon Handle into the receptacle at the end of the pole.
3. Tighten the knurled nut to lock the CUESrecon Handle onto the pole. DO NOT use the system without fully locking the CUESrecon handle onto the pole.

Step 5 - Mount the Display

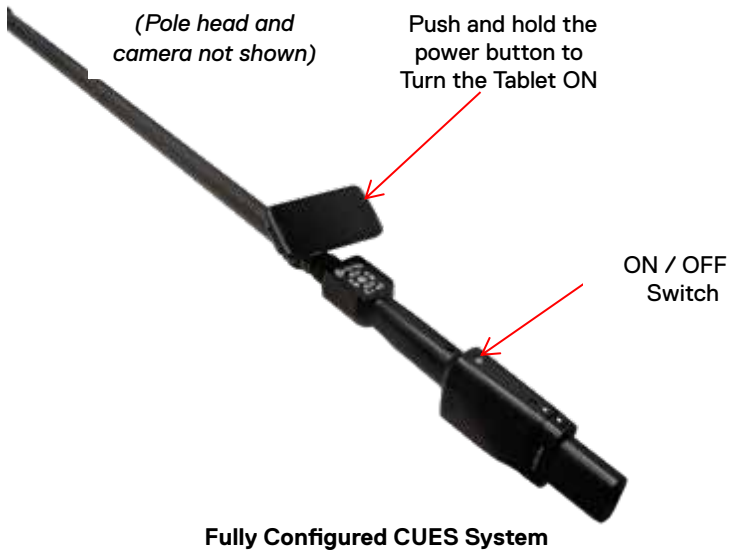


CUES Tablets are equipped with a convenient magnetic mount. Simply attach the display to the mount as shown.

Alternatively, CUES system Tablets can be used with Wrist mount or mounted on a remote stand as required.

Step 6 – Turn the System ON

Note: the system will require about a minute to fully boot up and display the camera image.



How to Hold the Handle

To maintain compliance with FCC RF exposure requirements, the user should hold the handle as it was intended to be held as shown below.



Proper hand position when holding pole facing upwards



Proper hand position when holding pole facing downwards



Improper hand position when holding pole facing upwards



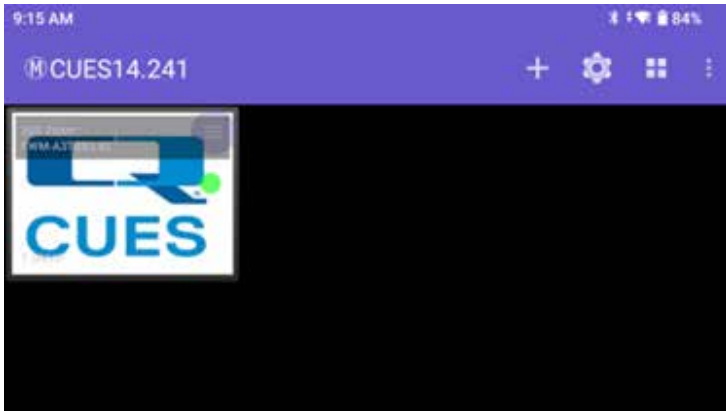
Improper hand position when holding pole facing downwards

Step 7 – Viewing the camera image

Note: CUES systems are pre-configured to automatically start the CUESrecon application. If not, touch the CUES icon to start the application.



The Home Screen will show all currently configured cameras associated with the system.



Each thumbnail will show each programmed camera shortcut already configured in the app. In the upper right hand corner of each thumbnail, the red or green light will indicate if the camera is 'live'. Live cameras are currently connected to the handle and are ON.

Any camera that has a green indicator (live) is actually showing a live capture of the area where the camera is facing. The thumbnail will update every minute.

Clicking on a thumbnail will display the selected camera full screen.

Step 8 – Controlling the Camera / Pole Functions



Wireless Handle Control Pad

CUES's equipment is designed to be easy to use during day-to-day operation. However, it is powered electrically and thus must be operated with care and safety. Do not attempt to operate any CUES equipment without having thoroughly read through the appropriate operating instructions and/or been through training by authorized CUES personnel.

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