



The  
**Cable  
Ferret**  
Company

# Wireless Inspection Camera and LCD Display

## Instruction Manual

Pull in cables quickly  
and easily



Find the leak without a  
big access hole



See exactly where  
to cut



Model: FERRET CF2810C

Version 3.0

© 2017

Cable Ferret, Inc.  
The Cable Ferret Company Limited  
The Cable Ferret Company Pty Ltd

[www.cableferret.com](http://www.cableferret.com)

Made in China

**Caution:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Rerorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**RF Exposure**

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

## General Information

Your **FERRET** CF2810C is an IP67 rated compact wireless rechargeable inspection camera and palm sized rechargeable 4.3" LCD display designed to help you see in dark confined spaces.

The Cable Ferret Company's commitment to ongoing product and quality improvement means that the specifications are subject to change without notice.

Don't get lost in the dark

Use a **FERRET**

We'll help you find your way

# Camera Unit

## CFC2810C



The on/off switch and USB charging socket are located at the back of the camera under the screw-on aluminium cap.

To maintain the camera's IP67 rating, the camera must not be disassembled. **There are no user serviceable items inside the camera and disassembly will void the warranty.**

There is a rubber seal on the body of the camera that seals the on/off switch and USB charge socket. It is important that this seal remains clean and in good condition.

**The IP67 rating is only when the back cap is securely screwed on and the rubber seal is in good condition.**

Refer to [www.youtube.com/cableferret](http://www.youtube.com/cableferret) for instructions on how to change the back rubber seal.

**Turn On/Off** – Slide the switch at the rear of the camera to turn the camera on or off. When turned on the front LEDs will illuminate.

**Charge** – Connect the supplied power supply. While the camera is charging the red LED at the rear will illuminate. Once fully charged the red LED at the rear will turn off.

**Note:** When the camera is screwed on to the push-pull rods and in use, take care not to twist the rod too far anti-clockwise as this may result in the camera unscrewing and becoming disconnected from the rod.

## Display Unit CFD2810C

**Note:** The display is **NOT** IP67 rated. Care must be taken in wet environments.



**Turn On/Off** – To turn on press the button at the top left of the display. To turn off press and hold this button for 3 seconds.

**Charge** – Connect the supplied power supply. While the camera is charging the red LED near the bottom right of the case will illuminate. Once fully charged the LED will turn off.

**Recording to SD Card** – Insert an SD card up between 2GB and 32GB into the underside of the display. It is best practice to format an SD card before use by pressing the following buttons: <Menu>, <Down>, <Ok>, <Down>, <Down>, <Ok>, <Up>, <Ok>. Note that formatting the card will delete all data stored on it.

**Record image (photo)** – Press <Photo> from the home screen to enter photo mode. The camera icon will be displayed in the top left of the screen. To take a photo press the <Shoot> button. To exit photo mode press the <Exit> button.

**Record video** – Press <Video> from the home screen to enter video mode. The video icon will be displayed in the top left of the screen. To begin recording press <Rec>, to stop press <Stop>.

**Playback mode** – Press <Menu> from the home screen then press <Ok> while Playback is highlighted. This will provide access to view recorded photos and video without a computer.

**Note:** The SD card can be read by a computer by directly connecting the display unit to the computer using a USB cable.

**Mute** – In the home screen, photo mode and record mode pressing the <mute> button will toggle the sound between off and on. The microphone icon near the top left of the screen will indicate if sound is turned on or off.

**Set Date and Time** – From the home screen press <Menu> then <Down> to highlight “Setup”. Press <Ok> then <Ok> again to enter the date and time set screen. Adjust the settings with the <Up> or <Down> and then move to the next field with the <Move> button. Once correct press <Exit> three times to return to the home screen.

**Note:** Removal of the battery will erase the time and date settings.

**Update Firmware** – From time to time software updates will be available on The Cable Ferret web site [www.cableferret.com](http://www.cableferret.com). These updates will provide enhancements to the display. To update the firmware copy the two files downloaded from the web site to an SD card and insert this card into the display. Power on the display, press <Menu>, <Down>, <Ok>, <Up>, <Up> and <Ok>. Only update firmware if the battery indicator is showing at least 2 bars as power loss during a firmware update may render the display nonoperational.

**Reset** – If the screen locks up the hard reset switch can be reached by carefully pushing a pin or solid wire into the small hole at the side of the display to the left of the Ferret head logo.

## 20mm Conduit Adaptor CFCA20A



The **FERRET** camera can attach securely to a 20mm PVC conduit or  $\frac{1}{2}$ " EMT conduit with the addition of the CFCA20A conduit adaptor.

To use, slide the aluminium conduit adaptor over the end of the conduit, using a 4mm drill bit, drill though the existing holes in the adaptor to put holes through the PVC conduit. Using the supplied bolt, washers and lock nut, securely fasten.

**Note:** When the camera is screwed on to the conduit adaptor and in use, take care not to twist the conduit too far anti-clockwise as this may result in the camera unscrewing and becoming disconnected from the conduit adaptor.

## **Gooseneck CFGN70A**



Point the **FERRET** camera in any direction with the addition of the flexible gooseneck. It's 180mm long (7") and can attach to either push pull rods or the CFCA20A conduit adaptor.

See how it works on [www.youtube.com/cableferret](http://www.youtube.com/cableferret)

## **Rod/Hook/Magnet CFRHMKA**



Connect the 180mm (7") rod to the front of the camera and use the hook or magnet to pull back a cable or retrieve a metallic object.

See how it works on [www.youtube.com/cableferret](http://www.youtube.com/cableferret)

## SD Memory Card CFSD2GBA

Insert the SD card into the **FERRET** display to enable the recording of photos and video. The 2GB SD card will store up to 10,000 photos or 80 minutes of video. Connect the **FERRET** display using the supplied USB charging cable direct to a PC or Mac and directly access the SD card.



## Flexible Gooseneck Display Mount CFFLMA (optional accessory)



Work safer and smarter when using the **FERRET** by attaching the **FERRET** display mount to your ladder to give hands free viewing. The mount will easily and safely attach to doors, benches, cupboards etc.

# Rechargeable Battery Pack CFBP5000A

(optional accessory)



If power is not easily available, the rechargeable battery pack can charge either the camera or display.

**Charge device mode** – Connect to the camera or the display using the lead provided with the battery pack. The battery pack will automatically turn on. Once charging is complete the battery pack will turn itself off.

**Charge battery pack mode** – Connect the battery pack to the 110-240c AC charger supplied with the **FERRET**.

**Torch mode** – To activate the LED, hold down the silver button for 2 seconds. To turn it off, do the same.

**Note:** The rechargeable battery pack does not contain user serviceable parts. Disassembly will void the warranty.

## **Push-pull rods (Fish Sticks)**

**CFPP8R3F**

(optional accessory)



Give your FERRET the extra reach you need with these high quality fiberglass rods/fish sticks. There are 8 x 1m (3') rods/sticks per tube which means you'll get up to 8m (24') of reach.

## Important Information – Li-Ion Batteries

The **FERRET** display and camera both contain Li-Ion batteries. The optional rechargeable battery pack also contains Li-Ion batteries.

For optimal battery life;

- Do not store the devices while the batteries are flat.
- Do not store devices in temperatures of over 35°C.
- If the **FERRET** is not being used, top up the charge every 6 months.

# Warranty

Your **FERRET** comes with a 12 month replacement warranty. In the unlikely event that your **FERRET** develops a fault within 12 months of purchase, simply return in to your local store with proof of purchase for a replacement. Failure due to physical damage, misuse, neglect, improper use or moisture is not covered. For full terms of the warranty see [www.cableferret.com](http://www.cableferret.com)

**The camera and display have no user serviceable parts inside. Disassembly will void the warranty.**

**Note:** The FERRET display is not water proof so care must be taken in damp environments. Water damaged is not covered by the warranty.

