D3 + D5 + D6 + D7

D-series
Operation
V1.0

EN

Quick Start

① Charge

The USB charging and data connector is located at the bottom of the camera. Any standard USB wall charger can be used to charge the D-series with the USB cable supplied in the box.

Waterproof micro USB connector

D3/D5   **D6/D7**

Charge your camera until the LED indicator on top of the unit lights green. The D-Series takes approximately 5 hours with a fast charger. It will take longer to reach full charge using a standard charger.
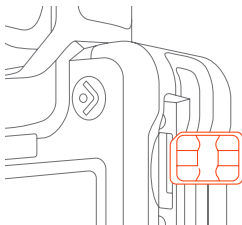
The D-Series can also be charged directly from the Reveal D-Series docking station for guaranteed fast charging.

② Insert SIM (D7 only)

First remove the two fixing screws from the SIM card cover using the tool provided.
Insert the SIM card as per the illustration.
Finally, fix the SIM card cover back in place.

Quick Start

③ Choose your mount

The rear of the D-Series camera has a moulded groove slot for the attachment of mounting accessories.

The two mounting options are:
1. Screw in Klick Fast stud (pre-attached)
2. Shirt clip (supplied in the box)

Full details of the mounting options are given in the Mounting section at the back of this guide.

④ Record

To record video footage, simply slide down the red switch. The D-Series will beep 3 times in quick succession to indicate it has started recording, and the LED on the shoulder of camera will start flashing red to indicate it is recording. A flashing red dot on the camera display will also indicate that the camera is recording.

NOTE: the D-Series does not need to be powered on to start recording. Simply slide down the red switch to start recording.
To stop recording, simply slide the red switch up.
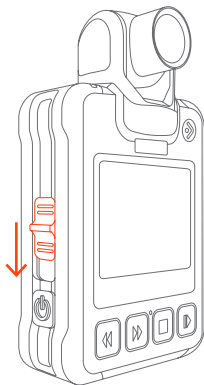
Basic operation
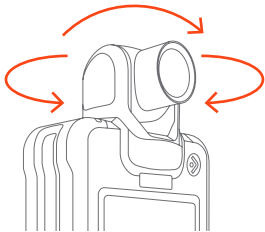
Camera articulation

The D-Series camera head is able to rotate horizontally and vertically within limits. However, **DO NOT OVER ROTATE!**

The D-Series camera head does not rotate 360 degrees. Forcing this will cause damage.

Power ON / OFF

Power ON the unit by pressing the **FUNCTION** button **2** for 1 second. The D-Series will sound a welcome chime, and open into preview mode.

In preview mode, you can orientate the camera head ready for recording, and view details on the camera display such as recording resolution, storage capacity, etc...

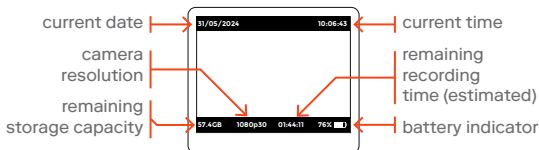Power OFF the unit by pressing and holding the same **FUNCTION** button for 2 seconds.

NOTE: the D-Series can also be powered up from the off position by sliding down red record slider **1**. This action powers up the camera and starts recording immediately.
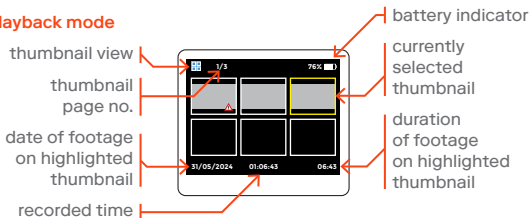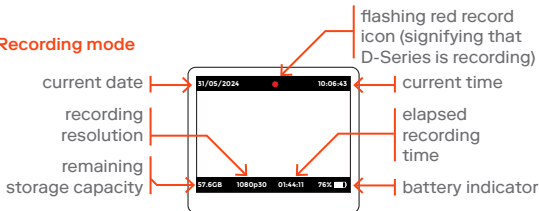
Basic operation

D-Series display indications

Preview mode

current date

current time

camera resolution

remaining recording time (estimated)

remaining storage capacity

battery indicator

31/05/2024　10:06:43

57.4GB　1080p30　01:44:11　76%

Playback mode

battery indicator

thumbnail view

currently selected thumbnail

thumbnail page no.

date of footage on highlighted thumbnail

duration of footage on highlighted thumbnail

recorded time

1/3　76%

31/05/2024　01:06:43　06:43

Recording mode

flashing red record icon (signifying that D-Series is recording)

current date

current time

recording resolution

elapsed recording time

remaining storage capacity

battery indicator

31/05/2024　10:06:43

57.6GB　1080p30　01:44:11　76%

Basic operation

Playback (on camera)

Press the **FUNCTION** button (**2**) to turn the camera on, and then press the **PLAY** button (**9**) to open the playback menu.

In the playback menu, any recorded video footage in the camera is shown as a thumbnail on the display screen.

Control buttons during playback

- Button **4** is the **Volume up** button.
- Button **5** is the **Volume down** button.
- Button **6** is the **Rewind** button.
- Button **7** is the **Fast Forward** button.
- Button **8** is the **Stop** button.
- Button **9** is the **Play** button.

In the playback menu, use buttons **6** and **7** to scroll and highlight thumbnails (highlighted with a yellow border), then press button **9** to playback footage on the D-Series camera.

During playback, the user can increase the volume by pressing button **4** or decrease the volume by pressing button **5**. The user can also rewind footage by pressing button **6**, and fast forward by pressing button **7**.

Additionally, both Rewind and Fast Forward speeds can be increased from 1x speed to 4x, 16x, and 64x by repeatedly pressing the buttons.
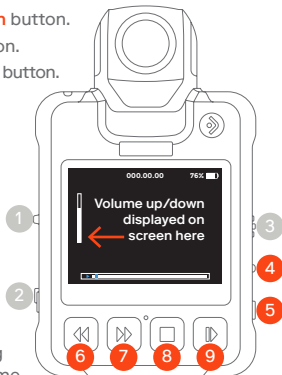
Basic operation

Exiting playback mode

Press the **FUNCTION** button to leave the playback menu and return to preview screen.

Press the **FUNCTION** button twice to exit the Enter Pin screen and return back to preview screen.

Mark as important

While recording, press the **FUNCTION** button **2** once to mark the video as important.

The symbol ⚠ will appear in the bottom right corner of the screen.

In the playback menu, select the desired thumbnail then press button **8** to mark video as important.

The symbol ⚠ will appear in the bottom right corner of the thumbnail.

Pressing the button again will unmark the video and remove the symbol.
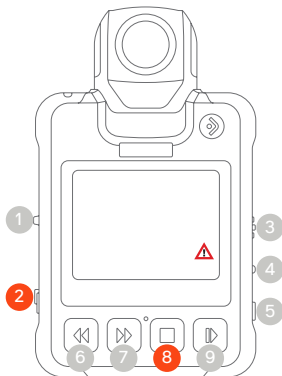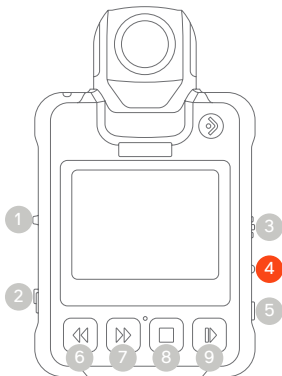
Basic operation

Stealth mode

In this mode, the D-Series displays no image on screen and the red LED is not lit. The D-Series appears off! There are no audio alarms except for the power on chime.

To activate stealth mode on the D-Series,

- Press and hold button **4** for TWO seconds.
- To deactivate stealth mode repeat the above step by pressing and holding button **4** for a further TWO seconds.

Activating or deactivating Stealth mode can be carried out whilst the camera is recording, or in preview mode.

Basic operation

Picture taking mode

The D-Series can take still image photos when in either preview mode (i.e. not recording) or in pre-record mode (also not recording) by pressing the button **2** and button **5** simultaneously.
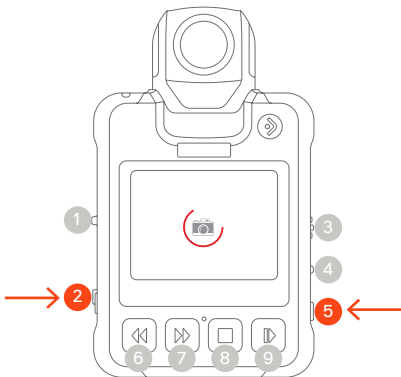
Press both buttons simultaneously

A picture will be taken and placed in the DCIM folder, and can be viewed in the playback menu by pressing the **PLAY** button and navigating to the appropriate thumbnail.

Basic operation

Audio mute

Audio mute allows you to mute audio while recording video. The audio mute function can be set through DEMS 360 with a choice of three operating modes:

1. Allow manual mute
2. Do not allow manual mute
3. Always mute

Allow manual mute

Mute can be activated or deactivated directly on the camera.
When in preview or record mode, a double press on button **4** toggles the camera audio mute on and off.
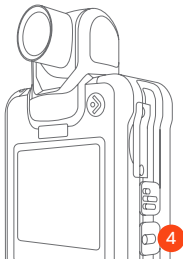
- An audio beep is heard (not heard on camera)
- An icon showing a muted microphone is displayed on screen.
- No audio is recorded

Double pressing the button **4** unmutes recording and icon disappears (audio beep is heard).

Do not allow manual mute

Mute facility cannot be activated through the button on the device.

Always mute

When in power up (preview) or record audio is always muted.

Advanced operation

LED light notification

Operation	
🔴 Solid red	Power on
🔴🔴🔴🔴 Flashing red	Recording
🟠 Solid orange	Pre-Recording
🟢🟢🟢🟢 Flashing green or blue (every 10 secs)	Trigger Mode
🟣 Purple	Connected (Wi-Fi or 3G/4G)
⚪ White	Camera error reporting
Charging	
🔵 Solid blue light	Charging
🟢 Solid green light	Fully charged
Connected to DEMS 360	
🟠🟠🟠🟠 Flashing orange	Uploading
🔴🔴🔴🔴 Flashing red	Files deleting
🔵🔵🔵🔵 Flashing blue	Charging (Not Booked Out)
🔵 Solid blue	Charging (Booked Out or Personal Issue)
🟢🟢🟢🟢 Flashing green	Fully charged (Not Booked Out)
🟢 Solid green	Fully charged (Booked Out or Personal Issue)
🔴🟠🟢🔴 Cycling red/orange/green	Firmware updating

NOTE: for some notifications the LED will flash alternate colours depending on the camera state.

Advanced operation

Connectivity Icons

(No icon) WiFi disabled
WiFi enabled, but no connection
WiFi connection established or camera in Phone App Mode

(No icon) GPS disabled
GPS enabled but no position fix
GPS enabled with position fix
GPS streaming, but no position fix
GPS streaming with position fix

(No icon) Video streaming disabled
Video streaming enabled, but not active
Video streaming active

(No icon) Bluetooth disabled
Available for Bluetooth pairing
Bluetooth pairing established
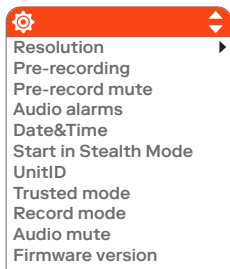
No SIM card present
SIM - Not Streaming
Signal Band/ Strength:

NOTE: LED light notification and connectivity icons vary between camera models depending on support for GPS, WiFi, Bluetooth and 3G/4G.

Optional camera settings

Viewing camera settings

The D-Series allows you to view the settings currently active in the camera. Press the **MENU** button **3** to display the menu list of settings currently set in the camera.

To move up or down on menu items press buttons **6** or **7** respectively.

To expand on a menu item to check status, press button **3**.

To collapse back to menu items only, press button **2**.

To exit the menu display, press the **FUNCTION** button **2** to return back to main camera view.

NOTE: menu items cannot be set directly from the camera, and must be set using DEMS 360.
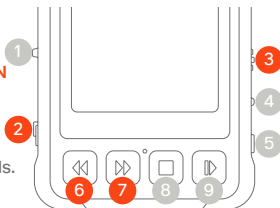
Camera reset

Should a reset be required, simply hold down the **FUNCTION** button **2** for 12 seconds.

If the camera is on it will power down, continue to hold the **FUNCTION** button for 12 seconds.

When the **FUNCTION** button is released, the LED will illuminate blue for 1 second to confirm the reset.

The camera can then be powered on as usual.

Optional camera settings

Connection mode

The D-series connectivity features vary by camera model and can be accessed via the Connection Mode Menu.

- Hold down the transmit button **5** to access the menu.
- Press transmit button **5** to cycle through the menu.
- Hold down the transmit button **5** to select a mode.

⚙ CONNECTION MODE

WiFi & 3G/4G OFF
Phone App
Stream - WIFI
Stream - 3G/4G
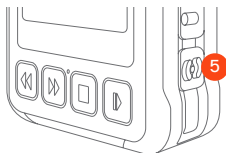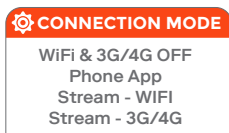
A double press of the transmit button **5** acts as a shortcut to start/stop streaming - DEMS 360 Camera Settings determines which connection method is used.

Option	Description
WiFi & 3G/4G OFF	Connectivity is disabled,
Phone App	Wi-Fi is ON in Access Point mode allowing a client device to connect.
Stream - WIFI	Wi-Fi is ON in Client mode allowing to connection to an access point for secure streaming.
Stream - 3G/4G	3G/4G is used for secure streaming.

Please note that Wi-Fi standards vary worldwide and your camera must be configured to the correct Geographical location using DEMS 360 Wi-Fi settings.

Battery Safety

Reveal's body cameras use lithium Ion batteries which are common in most portable devices such as radios and mobile phones. Reveal's cameras are safety tested with the appropriate certification.

Damage to a lithium Ion battery can cause excessive heat build-up often associated by an audible "hissing" sound, smoke and, in extreme cases, combustion. The D-Series casing provides a significant degree of battery protection, however, if the case becomes punctured or crushed by excessive forces, then there is a risk of battery damage. Therefore, we recommend that the user of cameras performs a risk assessment as to the role of the wearer and likelihood of excessive trauma to the camera.

If a camera becomes excessively hot or emits any unusual sounds or smoke then:

- Immediately detach the camera and place in a safe area.
- Do not charge the camera.
- Contact Reveal Support.

Storage

Store in dry place, away from direct sunlight and sources of heat, at a temperature between -10ºC and 45ºC (14ºF to 113ºF).

Lithium ion battery discharge naturally over extended periods of time and if not charged for prolonged periods of time, may deteriorate resulting in reduced performance and failure.

If your D-Series camera is kept in long-term storage it should be charged to at least 50% of full charge every six months. Your warranty may be invalidated if you fail to recharge your battery regularly or to follow other instructions for the storage, installation, commissioning, use or maintenance of the camera.