Axon Body 3 camera operational guide

For NX fishery symbol holders

March 2024

Queensland Government

Images in this guide related to the Axon Body 3 camera are courtesy of Axon Enterprise Inc.

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Axon Body 3 camera

Description

The Axon Body 3 camera is a highly portable lightweight camera that can slot into permanent or temporary mounting brackets. The system charges and uploads footage when returned to a designated Axon docking station.

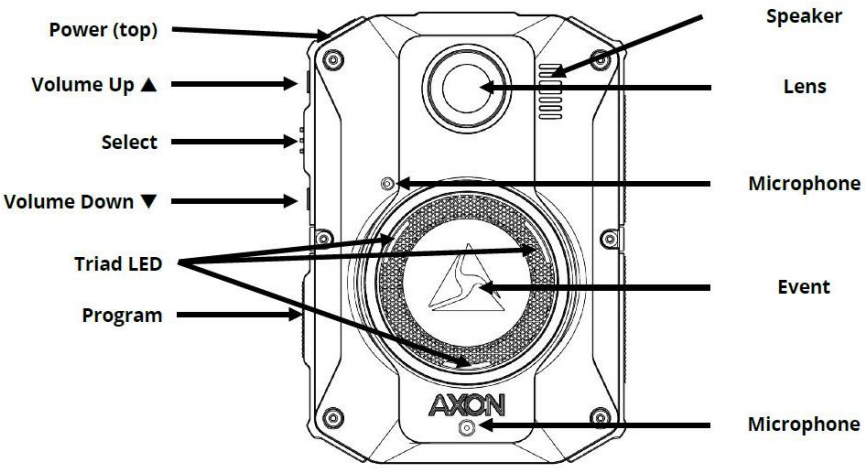
It has adjustable settings for lights and tones to indicate filming, battery level, uploads, downloads and updates in progress. The camera is fitted with a microphone; however, this has been disabled for all units being used by NX fishery symbol holders.

NX symbol holders assigned this camera will have a dedicated account for their unit. Features, settings and review of footage access will be determined by Fisheries Queensland and may change during the use of these cameras.

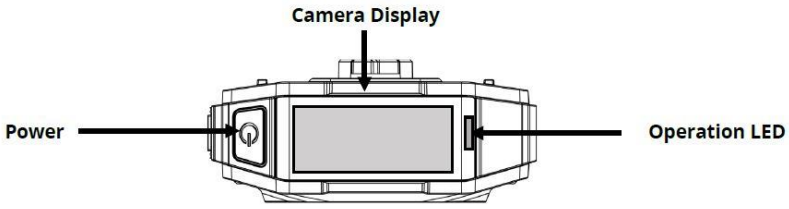
Specifications

Aspect	Capability / inclusion
Unit dimensions	9.7 cm (H) x 6.6 cm (W) x 2.6 cm (Depth 2, LHS) x 3.0 cm (Depth 1, RHS)
Weight	196 grams
IP rating	IP67 (6 dust, 7 water), IPX4 (splashing water)
Salt fog rating	MIL-STD-810G
Battery type	Rechargeable, replaceable lithium-ion polymer battery (3440 mAh capacity)
Battery duration	12 hours buffering at 720 p resolution
Charging time	Up to 5 hours dependant on battery condition and method of charging
Can connect to vessel power	No – but can be charged via USB-C cable connected to vessel
Maximum run time	Buffer and record up to 12 hours at 720 p resolution
Internal storage	64 gigabyte solid-state non-removable embedded multimedia card (eMMC)
External storage	Nil – direct upload to website
Maximum camera connections	N/A – single inbuilt camera
Can be removed from vessel	Yes – must be removed for charging and footage upload via dock
Data transfer method	Connection to docking station (with network connection and power)
Privacy	XTS-AES-128 full disk encryption
Live stream capability	Yes
Playback capability	Yes
On/off indicator light	Yes
Battery indicator	Yes – percentage noted on camera display screen
Battery charge indicator light	Yes (red for less than 10%, yellow for 11-89%, green if 90% or more)
Full data indicator	Message on camera display screen for low or full storage
GPS	Yes
System can run without smart phone or tablet	Yes
Low-light capability	Tested to less than 0.1 lux

Features



Axon Body 3 Camera front



Axon Body 3 Camera top

Supplied parts

The Axon Body 3 camera is supplied with a single docking station (including power and ethernet cables), grommets for waterproofing and a USB-C charging cable to charge the unit away from the docking station.

To charge, connect the USB-C cable to the camera port and a power bank or USB charging port (via power bank, vessel power, car charger, etc).

Note: Power banks and USB charging ports are not supplied.

1 x Axon Body 3 camera

1 x docking station

1 x power cable for docking station

1 x ethernet cable for docking station

1 x USB-C charging cable for camera

3 x grommets

Docking station set-up

1. Plug one end of the power cable into the dock power port and the other end into the wall socket.

2. Plug the blue ethernet cable into the docking station port and a spare LAN port on your internet modem.

3. Firmly place the camera onto the dock. Once connected, the indicator lights on the dock surrounding the ethernet port will flash green/yellow to confirm internet connection. It can take a couple of minutes to connect.

Using the docking station

- If possible, leave the docking station plugged into the power and internet so you can simply dock your camera when you return from a fishing trip.
- Video will upload automatically if the docking station has power and an active internet connection. The upload progress will be shown on the top camera display screen. If it displays ‘Uploading’ or the triad indicator lights on the front of the camera are cycling green, do not remove it from the dock.
- Docking the camera will also charge the camera and download and install software or firmware updates.
- Only remove the camera from the dock when it is fully charged and it displays your Axon username (provided on the day of installation) or ‘Ready’.

Account set-up

At the time of installation, a Fisheries Queensland officer will add an account for the licence holder on the evidence.com website. This is where all camera footage will be uploaded and stored, and allows access to a live stream of the camera view.

Initial account set-up

1. Fisheries Queensland will invite you to evidence.com.
2. Open the email invitation from Axon to setup an account and click on the link.
3. Complete the data fields (including adding security questions, a secure password and confirming personal details necessary for account setup).

Log-in to your account

1. Visit evidence.com.
2. Enter the agency details dafqam.au.evidence.com – the 'evidence.com' text will be pre-filled so you can just enter **dafqam.au** before it.
3. Enter your email address and password.
4. If you forget your account password, you can reset it on the evidence.com site after entering the agency details (**dafqam.au.evidence.com**).

Download the mobile app

The **Axon View mobile a**pplication is required to view the angle of your Axon camera and check that it is working properly.

1. Make sure you are within reception range.
2. On your mobile device, visit the App Store (Apple devices) or Google Play (android devices).
3. Search **Axon View**.
4. Download and open the app.
5. Enter your email address and password.
6. Multi-factor authentication is enabled, which means you will need to enter a 6-digit code sent to your email address or via text message (you can choose from the dropdown menu options).

Sound and display

During normal operation the camera uses notification tones, lights and vibrations to alert the user to the camera status.

Volume control

- When the camera is on, press the up and down arrow buttons on the side of the unit to adjust the volume.
- Press and hold the down arrow button to enable stealth mode (indicated by an ‘S’ on the camera display screen). This will mute all notification tones, including the active filming reminder (single tone every 2 minutes), and turns off all indicator lights.
- Exit stealth mode by pressing the up arrow button.

Note: If the camera volume is turned down, off or put into stealth mode, make sure you pay attention to the camera display screen for battery life and filming confirmation.

Sound recording

The recording of sound is turned off by default for all cameras. If you enable the microphone to record sound, audio recording must be disabled by pressing and holding the function button for 3 seconds. During recording, the microphone icon on the camera display screen will appear crossed out when audio is muted.

Grommet usage

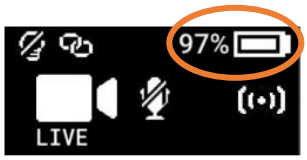
When the camera is in use or not plugged into the USB-C charging cable, a grommet must be inserted into the port on the bottom of the camera to ensure waterproofing.

Grommets are provided at the time of installation. If you need additional grommets, email your request with your boat mark and postal address to datavalidation@daf.qld.gov.au or call 13 25 23.

Operating the camera

Before leaving port

1. **Check the battery has sufficient power to record your planned fishing trip.**



   - Check the battery charge percentage on the camera display screen (while in the docking station or powered on).
   - If your planned fishing trip will be longer than 8 hours, it is recommended that you take the USB-C charging cable and a power bank with you (unless there is an available USB port connected to vessel power) to ensure the camera remains charged and able to record.
   - If there is an extended period of travel, without access to a charger, it is recommended that the camera be put into sleep mode by pressing once on the power button, then pressing the select button to confirm sleep mode. This will minimise the passive drain on the battery. To exit sleep mode, press once on the power button. You can also turn the camera on and off by pressing and holding the power button.

2. **Make sure uploads of previous footage are complete.**
   - Log-in to the Axon View app on your mobile device.
   - When the app is paired to the camera, check there are no stored videos.
   - If there are stored videos, leave the camera on the docking station to upload the remaining footage.

3. **Check the camera's field of view is the same as your vessel monitoring plan.**
   - Attach the camera to the mount on your fishing boat.
   - Log-in to the Axon View app on your mobile device.
   - Make sure the camera is powered on and paired with the app.
     - Generally, the camera will remain paired with the app from the time of installation.
     - If it's not paired, press the 'Event' and 'Program' button together one time.
     - 'Pairing' will appear on the camera display screen and the camera's serial number will appear as a pairing option on the app.
     - Follow the on-screen app instructions to pair the camera.

   - Select the 'View Live' option on the top right-hand side of the screen.
   - Compare the camera view to the camera view image in your vessel monitoring plan and adjust the camera angle if required.
   - Clean the camera lens with a damp soft cloth if the view is not clear or there is a build-up of debris.

   Note: You may want to take a screenshot of the camera view while in the Axon View app as proof that the camera was working prior to your fishing trip.

4. **Insert the waterproofing grommet in the camera.**
   - Ensure at least one grommet is brought on each fishing trip to cover the charging port and ensure waterproofing of the camera.
   - The grommet must be inserted into the camera when it is not on the docking station or connected to the USB-C cable.

During a fishing trip

Begin recording

1. Press and hold the power button until the top indicator light comes on (red). The status on the camera display screen will change from ‘Powered Up’ to ‘Ready’, the top indicator light will flash green and the battery percentage will appear.
2. To begin recording, double tap the ‘Event’ button on the front of the unit. The unit will vibrate and beep twice. The camera display screen will show a picture of a camcorder and a crossed-out microphone to indicate the camera is recording with no sound.
3. If fishing activities are taking place on the boat outside of the field of view according to the vessel monitoring plan, the camera angle must be moved to ensure all interactions are filmed. The field of view must be checked via the Axon View app (via mobile device) every time the angle is adjusted to ensure video capture of all fishing activities.
4. Periodically check the battery charge has sufficient battery charge to capture fishing activities. The camera may need to be charged on trips longer than 8 hours. The camera will continue recording until you end the recording or the battery runs out.
5. Clean the camera lens with a damp soft cloth if the view is not clear or there is a build-up of debris.

End recording

1. Press and hold the ‘Event’ button (approximately 5 seconds).
2. The camera display screen will prompt you to press the ‘Select’ button to confirm you want to finish recording.
3. The camera display screen will briefly change to ‘Saving’ while it ends the footage capture.
4. The camera display screen will return to ‘Ready’ mode and the top indicator light will flash green.

After a fishing trip

1. Firmly place the camera into the docking station.
2. If there is power and an active internet connection, camera recharging and video footage uploading will automatically start.
3. The camera display screen will show the progress of video uploads and the triad indicator lights will cycle green on the front of the camera. **Do not remove the camera from the docking station until the uploads are completed.**
4. When the camera display screen returns to ‘Ready’, the camera can be removed from the dock.

Note: Never unplug the docking station while video files being uploaded or the camera is downloading or installing updates (indicated by cycling triad indicator lights on the front).

Cleaning and maintenance

- Use a soft, damp cloth to clean the surface of the camera. Ideally, moisten the cloth with isopropyl alcohol before wiping the device. Do not use harsh cleaners or solvents.
- Do not immerse the camera in water or cleaning solutions.
- If the camera lens becomes dirty, use a lens blower brush to clean it and then wipe it with a soft cloth as needed.
- If the camera display screen becomes dirty, clean with a damp cloth and dry with a soft cloth. Do not use ammonia-based or similar type window cleaners on the camera lens or display screen as these normally contain abrasives that can scratch.
- Do not place the lens under running water or apply jets of water.
- Do not use compressed air to clean the camera.
- Ensure the camera port is clean and clear of debris.

Troubleshooting

Common issues

Most error codes and malfunctions can be corrected by restarting the camera:

- Press and hold the power button on top of the camera until it powers down and all lights, including the indicator screen, turn off.
- Wait at least a minute before restarting the camera by pressing and holding the power button.
- If 'Network Error' appears on the camera display screen, check the indicator lights where the blue cable connects to the docking station at the back. Take note if one or either light is blinking. If no lights are showing when the camera is docked, check if the internet is functioning. If the internet is working on other devices, remove and then re-dock the camera.
- If the camera triad indicator lights are cycling multiple colours, remove it from the dock, wait a moment and then re-dock the camera.

If you need further help or more information, email datavalidation@daf.qld.gov.au or call 13 25 23 during business hours (8:00 am – 5:00 pm, Monday to Friday).

Can't fix it?

If you still can't resolve the issue, refer to the camera malfunction procedure for NX fishery symbol holders at business.qld.gov.au.