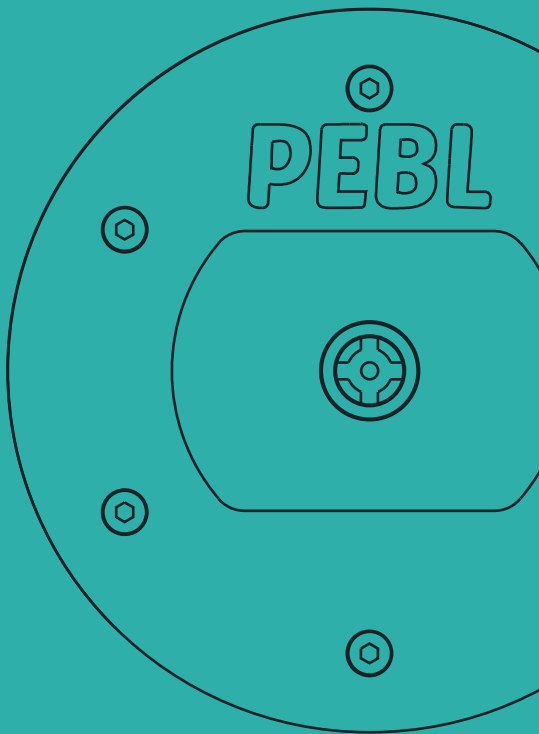
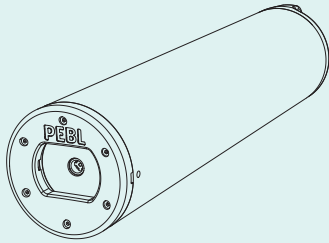


SUBCAM USER GUIDE

SCHEDULE | SUBMERGE | CAPTURE





MEET THE SUBCAM

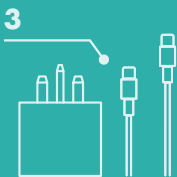
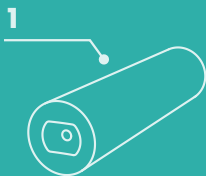
The Subcam is an autonomous underwater camera. You set it up once on your phone or laptop using the PEBL App, drop it in the water, and it captures video and photos to your schedule. It also records water temperature and camera orientation at every wake-up, so you know the context for every capture.

WHAT CAN YOU DO WITH A SUBCAM?

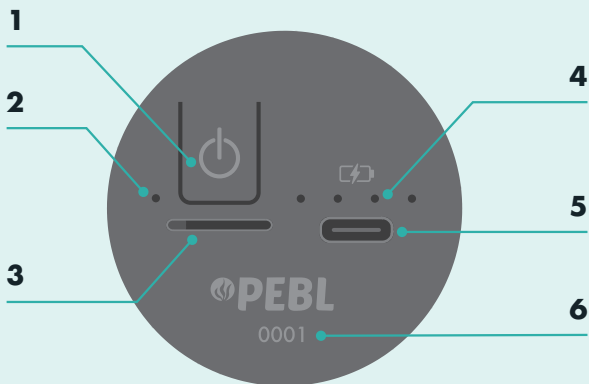
- Set it and forget it. Build a schedule of capture events — once every 30 minutes, hourly, between 9am and 5pm, however you like.
- Up to 15 hours of recording on a single charge. Spread it across months of scheduled captures or burn it in a single session.
- Built for the sea. Marine-grade POM-C enclosure rated for continuous submersion to 50 m.
- Set up, deploy, review — anywhere. Connect to your Subcam over WiFi and run the PEBL App in any browser — no internet, no signal needed.

WHATS IN THE BOX?

- 1** Subcam
- 2** 128GB SD card
- 3** 9V USB-C charger and USB-C cable
- 4** IP67 carry case
- 5** User guide
- 6** Optional: mounting kit



USER INTERFACE



- 1** Power button
- 2** Device status LED
- 3** SD card slot

- 4** Charge status LEDs
- 5** USB-C charge port
- 6** Serial number

POWER ON / OFF

Press and hold the power button for **5 SECONDS**



STATUS LED



Device booting and not configured



Device ON and not configured



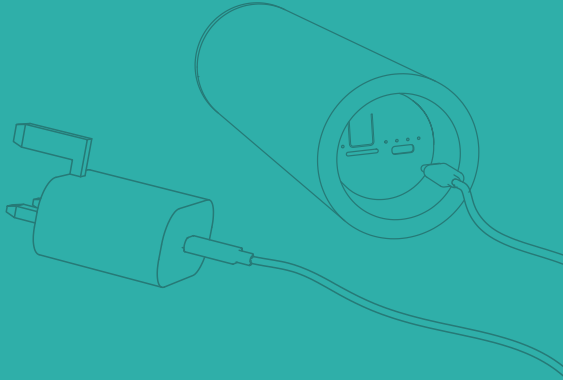
Device initialising and configured



Device ON and configured

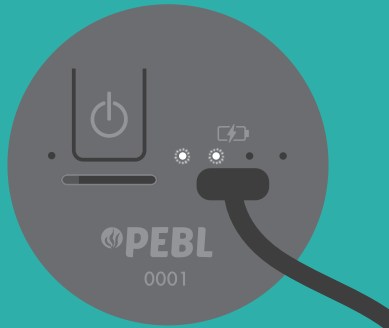
CHARGE

Plug the supplied PEBL charger into a mains socket and the USB-C cable into the Subcam.



CHARGE STATUS LED

	<25%
	>25%
	>50%
	>75%
	100%



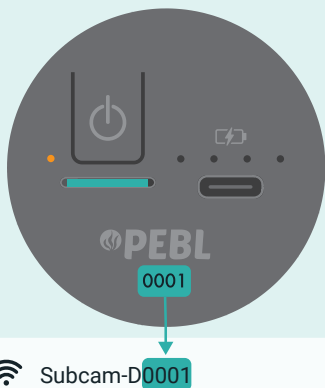
INCOMPATIBLE CHARGER OR CABLE

GET CONNECTED TO THE **PEBL** APP

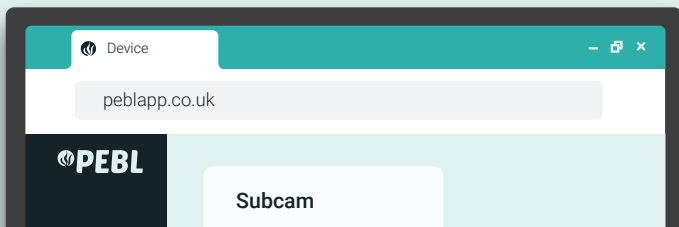
- 1 Press and hold the power button for 5 seconds

Wait 20 seconds

- 2 Join the Subcam WIFI network on your device
e.g. Subcam-D0001

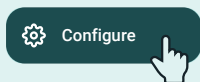


- 3 Head to **peblapp.co.uk** or 10.0.0.1:8000



CONFIGURE

- 1 With the PEBL app open navigate to "Configure"




- 2 Edit camera and device settings
- 3 Add a custom schedule

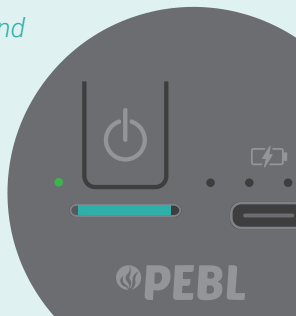
+ Add Schedule

- 4 Press "Save and start logging"

Save and start logging↑

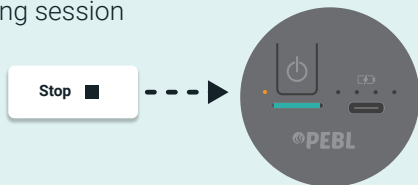
The status LED will now turn green and your device will shutdown and enter logging mode in 30 seconds

 Device is logging

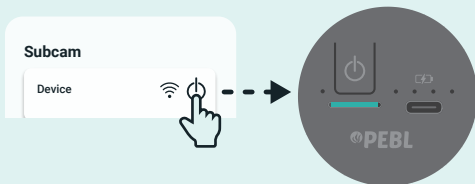


Stop logging

- 1 While in the PEBL APP press "Stop" to end the logging session



- 2 Turn the device off by pressing the icon on the app or by pressing the power button on the device

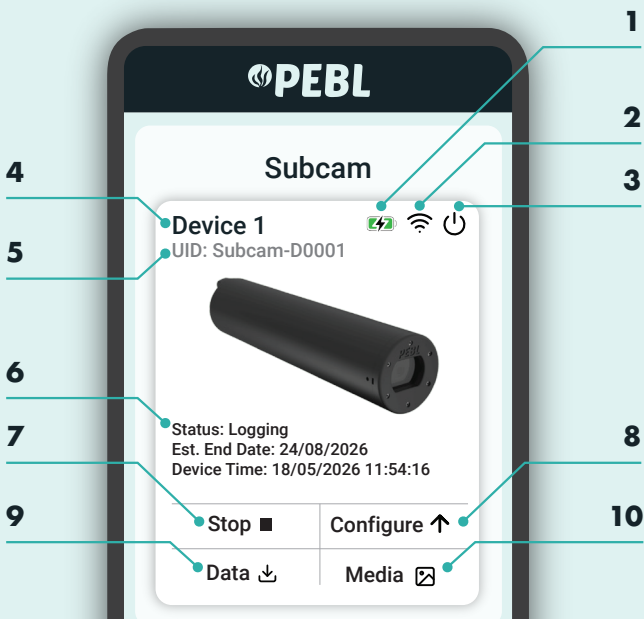


Transferring files to a computer

- 1 Stop the device from logging and/or ensure that the device is OFF
- 2 Remove the SD card from the Subcam and insert into your computer



App overview



- 1 Battery charge status
- 2 Signal strength
- 3 Turn off
- 4 Custom device name
- 5 Device serial number

- 6 Device status
- 7 Stop logging
- 8 Configure and launch
- 9 Manage data files
- 10 Manage media files

SPECIFICATION

Dimensions	Ø64 × 230 mm
Depth rated	50 m
Weight	985 g (in air)
Materials	POM-C enclosure, mineral glass lens, stainless A4 hardware
Operating Temperature	-5 °C to +40 °C
Video resolution (max)	Up to 1080p @ 60 fps 1080p @ 30 fps (HDR mode)
Image resolution (max)	12MP, 3MP (HDR mode)
Format	JPEG (stills), H.264 (video)
Field of view	100° (in water), 120° (in air)
Autofocus	Phase Detection Autofocus (PDAF) for rapid autofocus
In-focus distance	15 cm to infinity
Recording length (max)	Up to 15 Hours
Charging	9V USB-C PD
Charge time	4 Hours

MAINTENANCE

After every deployment

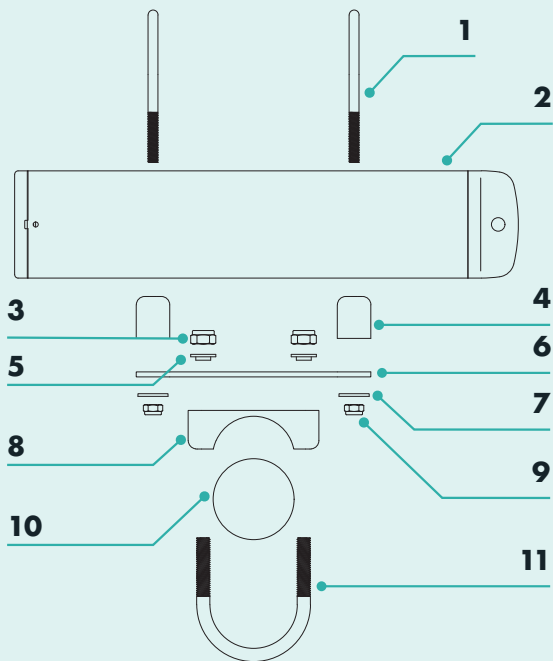
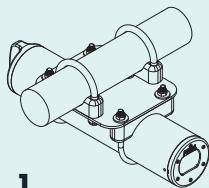
- Clean the lens using a soft cloth with fresh water or isopropyl alcohol. No abrasives.
- Rinse in fresh water.
- Dry the body, the lens and the area around the USB-C. bung with a soft, clean cloth.

The USB-C port sits behind a sealing bung. Only open it when you're ready to charge or remove the SD card. With the bung off the Subcam is no longer sealed – don't leave it exposed in damp or wet conditions. Once you've finished, dry around the port thoroughly, refit the bung, and store the Subcam indoors at room temperature.

For longer than a month between deployments

- Charge to roughly half full before storing.
- Keep it cool, dry, and out of direct sunlight (use the supplied IP67 carry case).
- Top up the charge every few months so the battery stays healthy.

MOUNTING



- | | | | |
|----------|------------------------|-----------|----------------------|
| 1 | SS A4 u-bolt | 7 | SS A4 washer M6 |
| 2 | Subcam | 8 | Plastic pole coupler |
| 3 | Galvanised nut M8 | 9 | M6 nyloc nut |
| 4 | Plastic Subcam coupler | 10 | Pole (not included) |
| 5 | Nylon shoulder washer | 11 | Galvanised u-bolt |
| 6 | SS 316 plate | | |

GET IN TOUCH

hello@pebl-cic.co.uk