OcuTrap R2 · Operation Cheat Sheet

Buttons, LEDs & device states — keep near the trap.

First time setting up? Follow the **R2 Quick Start** card (in the box) for battery, assembly, and app pairing. This cheat sheet is for day-to-day operation.

Battery (XT30): 5200 mAh — male XT30, **1A** charger. 10,000 mAh (111 Wh) — female XT30, **2A** charger. Genders are opposite—do not force. Need the other pack? Email **support@ocutrap.com** for PCB/holder swap.

SYSTEM LED (TOP OF POD)

Pattern	Meaning
Breathing cyan	Connected to cloud — operational.
Fast blinking cyan	Connecting to the cloud.
Blinking green	Searching for cellular signal.
Blinking magenta	Firmware update in progress.
Rapid red SOS	Firmware crash — contact support if >10 blinks.
Solid red at boot	Battery too low (<9.6V). Charge and retry.
No light	Off or hibernating. Press Power to wake.

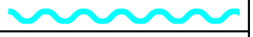
BUTTONS & CONTROLS

Action	How	Result
Arm	User Button, then Power Button	Door must be set open
Unarm	User Button, then Power Button	From armed state
Open door	User Button, release, then hold 5s	Blue flashes
Close door	User Button, release, then hold 5s	Green flashes
Power off	Hold Power Button 3s	Red blink → solid red → off
Reset	Press Reset once	Reboots; state preserved

SAFETY

- Keep fingers clear of the door and motor at all times.
- Power off and disconnect the battery before any maintenance.
- Wear gloves when approaching a captured animal.
- Do not submerge. Avoid freezing conditions (door may stick).
- Use only the supplied charger (1A or 2A—match your pack).

LED PATTERNS (INSIDE STICKER)

Connected Mode	
Connecting to the Cloud	
OTA Firmware Update	
Looking for Internet	
Red flash SOS	
No status LED	RESET, CHECK POWER
Error	
User Button Press	
Unarmed and Open	
Unarmed and Closed	
Armed Mode	
Armed and Captured	
Press User Button, press again and hold for 5s until solid light/ tone	
Open door	
Close door	
Press User Button then press Power Button	
Arm (door must be set open)	
Unarm	

Matches the sticker inside every POD.

DEVICE STATE (SOLID COLORS)

Unarmed & Open		Solid blue
Unarmed & Closed		Solid green
Scouting (app)		Door open; Scout in app—no capture
Armed		Solid yellow
Armed & Captured		Solid magenta (animal captured)

Docs & videos: **docs.ocutrap.com** | App: **docs.ocutrap.com/getting-started/app** | Support: **support@ocutrap.com**

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