

COWMATA
TAIL SENSOR

QUICK START GUIDE



FARM EDITION

Model NO.: CMT-FARM-GL

Page 1 Unboxing Checklist



Verify all included accessories before use:



1 × Tail Sensor Main Unit



1 × Magnetic Charging Cable



1 × Quick Start Guide & User Manual



1 × Product Qualification Certificate

Page 2 Initial Charging

Charge the device indoors in a dry area. Do NOT charge outdoors or in humid environments.

- (1) Flip the silicone anti-slip pad on the rear of the main unit to expose the magnetic charging port (Diagram ①).
- (2) Attach the magnetic charging cable firmly to the port (Diagram ②).
- (3) Plug the cable into a standard USB power supply.
- (4) LED Charging Indicator Rules:(Slow orange breathing light = Charging in progress,Solid solid green light = Fully charged),Full charging time: 3~4 hours);
- (5) Unplug charging cable,then reposition the silicone anti-slip pad to cover the port.

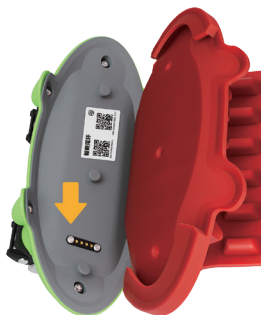


Diagram ①

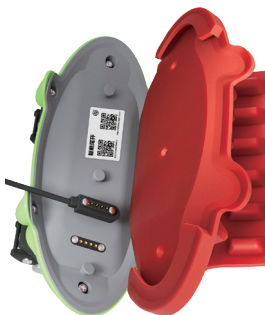


Diagram ②



Orange breathing light
Device is charging



Solid green light
Battery fully charged

Page 3 Download & Install COWMATA App

01 App Download

(1) Search "COWMATA" in mainstream mobile app stores to download the application and install;



Search: COWMATA



Cowmata

(2) Scan QR code for download;



Scan to Download App

(3) Official website download link: www.cowmata.com/app



www.cowmata.com/app

02 Register & Log In

(1) Open COWMATA App and register a farm account;



(2) Fill in required information step by step to complete registration and login Registration form fields,,then log in.



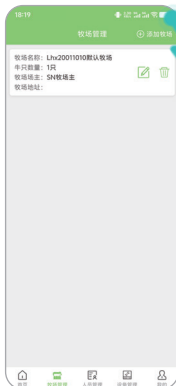
Page 4 Device Activation & Binding

01 Activate Device

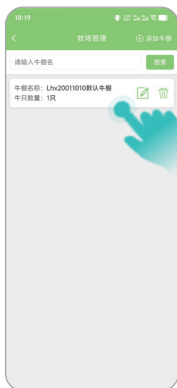
(1) Tap Farm Management on homepage;



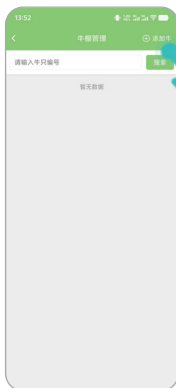
(2) Use default farm or tap Add New Farm;



(3) Enter target barn;



(4) Tap Add Cow;



(5) Return to homepage and tap Device Management;



(6) Tap Add & Activate;



(7) Select target farm and device type;



(8) Scan QR code on unit back or manually input SN serial number.



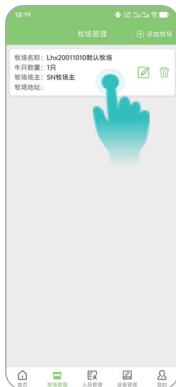
Note: QR code & SN are printed on rear label; do not tear off the label.

02 Bind Device to Cow

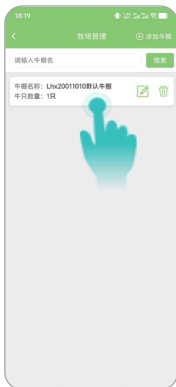
(1) Return homepage → Farm Management;



(2) Select target farm;



(3) Select target barn;



(4) Select target cow ID;



(5) Enter Cow Management page → Edit Monitoring Mode;



(6) Scan device QR code or input SN to complete binding;



Page 5 Wear Device & Start Monitoring

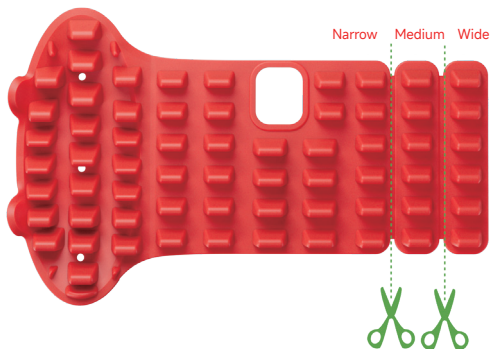
01 Device Wearing Instructions

(1) Device Wearing Instructions

Adjust silicone pad according to tail thickness:

No.	Tail Width	Action
1	Thin tail	Cut two sections along marking lines
2	Medium tail	Cut one section along marking lines
3	Thick tail	No cutting required

See the diagram below:



Wearing Rules & Prohibitions:

1. Mount 5~8 cm from tail root, do not deviate from this range;
2. Never install the unit facing upward; must face the vulva;
3. Do not fasten strap too tight to avoid tail swelling and false alarms.

(2) Standard Wearing Steps:

- ① Select the cow for monitoring;
- ② Fit the tail sensor at the cow's tail base (5–8 cm from the tail root).
Position the main unit underneath the tail, aligned with the vulva for accurate calving vital sign tracking
- ③ Thread the toothed strap through the two buckles in sequence, then apply preliminary tension;
- ④ Fasten with snap fasteners: secure the tail sensor snugly against skin without over-tightening;
- ⑤ Double-check strap tightness before finishing installation.



02. Power-On & Monitoring

Press the power button: the blue indicator illuminates first. Once the light switches green and fades out after a 5-second standby period, the device powers on properly and begins data monitoring.

No.	Indicator Light Status	Meaning	User Action
1	 Solid blue light	Self-test in progress	No action required
2	 →  Green light stays lit for 5 seconds then turns off	Normal operating status	No action required
3	 →  Red light flashes rapidly 5 times then turns off	Low battery level	Recharge the device
4	 Slow amber blinking	Hardware malfunction	Retry later; contact after-sales support upon persistent failure
5	 Slow purple blinking	Network connection failure	Await automatic reconnection, or relocate the unit to an area with stronger signal
6	 Solid red light at bootup	Device unactivated	Confirm whether product activation is completed