ebikes □ □□□□ □□□ □□□□ □□□□□ □ □□ □□

eBike □□□□ □□ □□□□□ □□ □□ □□ IoT □□□ □□□□?

1. □□□ □□

□□□ **ebike □□□□□** □□□□□ □□□ □ □□□□ □□□ □□□□ □□ □□□ □□ □□□□ □□□ □□□ □□□ □□□□□.

2. ebike □□□□ □□□□ □□ □□□□□

□□□□ □□, □□□□ □ □□ □□ □□□ □□□□□.

3. □ □□□ □□ □ □□ □□

□□□ □□ □□ □□□□□ □□□□ □□ □□, □□ □ □□□□ □□□□□.

4. □□ □□

□□□□□ □□□ □□ □ □ □□□ □□□□□ □□□□□□ □□□□ □□□□ □□□ □□□□□.

5. □□ □□

□□□□□□□ □□ □□ □□□ □□ □ □ □□□□.

6. □□□ □□□

□□□ □□ □□ □ □□ □ □□□ □□□□□.

7. □□ □□□ □□

Ebike □□□ □□ □□ IP67□ □□□ □□□ □□ □□ □ □□□□□.

Omni IOT

Professional team
independently developed

**Smart Driving Control
All in One Screen**

Smart 4G Display
Designed for E-bikes and E-scooters

GPS **High-Precision GPS Positioning**

GPS positioning technology and signal sources deliver high-precision location data.

4G network communication
High-speed wireless data transmission

HD voice broadcast

Wide input voltage

Scene
Multi-Vehicle Application Scenarios

Compatible with multiple vehicle types, suitable for urban rentals and personal riding.

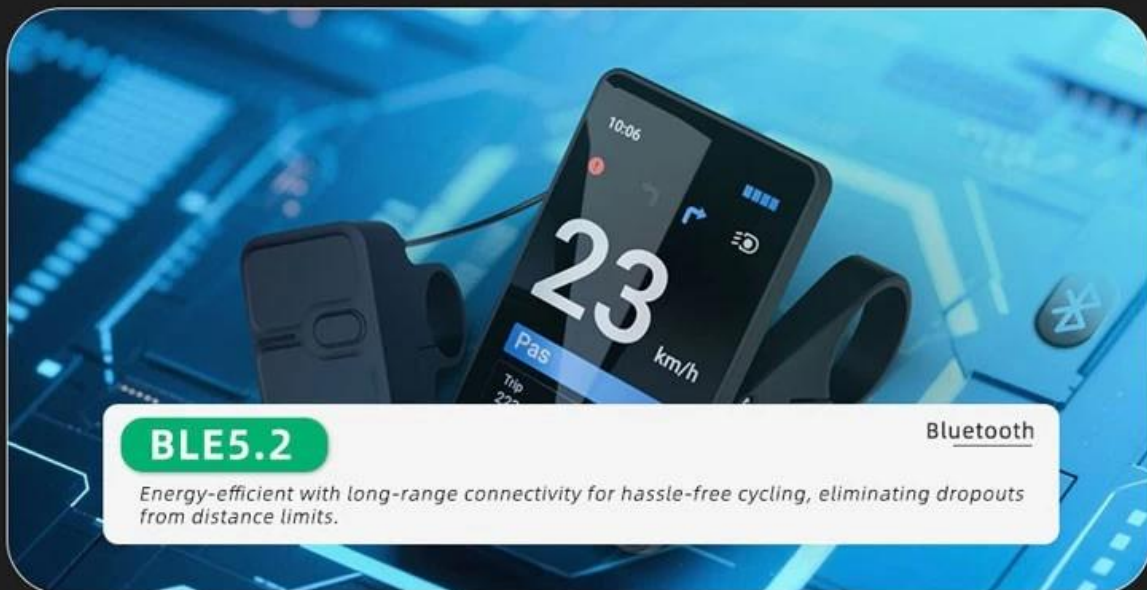E-SCOOTER

E-BIKE

E-BIKE

Fat-Tire Bike

Function
Multi-functional Integration

Mapping Function
Navigation

The display shows real-time navigation data to guide riders with accurate directional cues for effortless cycling.

BLE5.2
Bluetooth

Energy-efficient with long-range connectivity for hassle-free cycling, eliminating dropouts from distance limits.

Detection
Detection & Voice Broadcast

Fall Detection

Vibration Detection

Anomaly Detection

Voice Broadcast

Waterproof
IP67-rated dustproof and waterproof

The module achieves IP67 waterproof rating, capable of withstanding 30-minute submersion at 1-meter depth without damage, making it suitable for harsh environments

IoT-enabled Smart Display

Super IoT functionality, smarter ride

4G Display

23 km/h

Backstage Management

APP

Device Management

Real-time Connectivity

Remote Control & Data Analytics

OMNI displays collect real-time data such as vehicle status, BMS, cadence, and mileage, and instantly transmit it via IoT to the cloud or users via mobile APP. Users can check the system anytime via mobile phone or computer, enabling remote control and smart management—no more manual recording or data delays.

Compatible

Adaptation & Communication

● **Wide voltage compatibility**

Wide Voltage Input Range: Supports 24V-72V wide voltage input, compatible with various vehicle battery systems for strong adaptability.
Voltage Protection Mechanism: Built-in over-voltage and under-voltage protection circuits ensure safe module operation under abnormal voltage conditions.

● **Dual-Mode Communication Advantages**

4G CAT1 (100Mbps): Ensures real-time vehicle data streaming.
BLE5.2 (10m range): 30% more battery-efficient with instant pairing.

Product Specifications

64mm

36.9mm

50.4mm

98mm

74.6mm

24.9mm

54mm

23 km/h

Pas   2

Trip
223/km

Time
03:26:53

omni

More Specifications

Waterproof rating	IP67
Audio	24bit, 8-96Kbps frequency
Bluetooth	BLE 5.2
Speaker	Class D amplifier, 4Ω 2W speaker
SIM card	Nano SIM
Casing material	PC plastic

— One-stop Global IoT Solution Provider —

WHY CHOOSE OMNI?

20+	20+	200+	6000	4	2亿+	600万+
20+ years factory	20+ years in client service	More than 200 Employees (over 50 R&D Personnel)	6000 Square Meters of Office Space	4 Professional Production Lines	Over 150 Million Users Using OMNI Positioning Service	Sold terminal IoT equipment