

电动自行车EBIKES

eBike

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ebikeIP67

## 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.





# Function

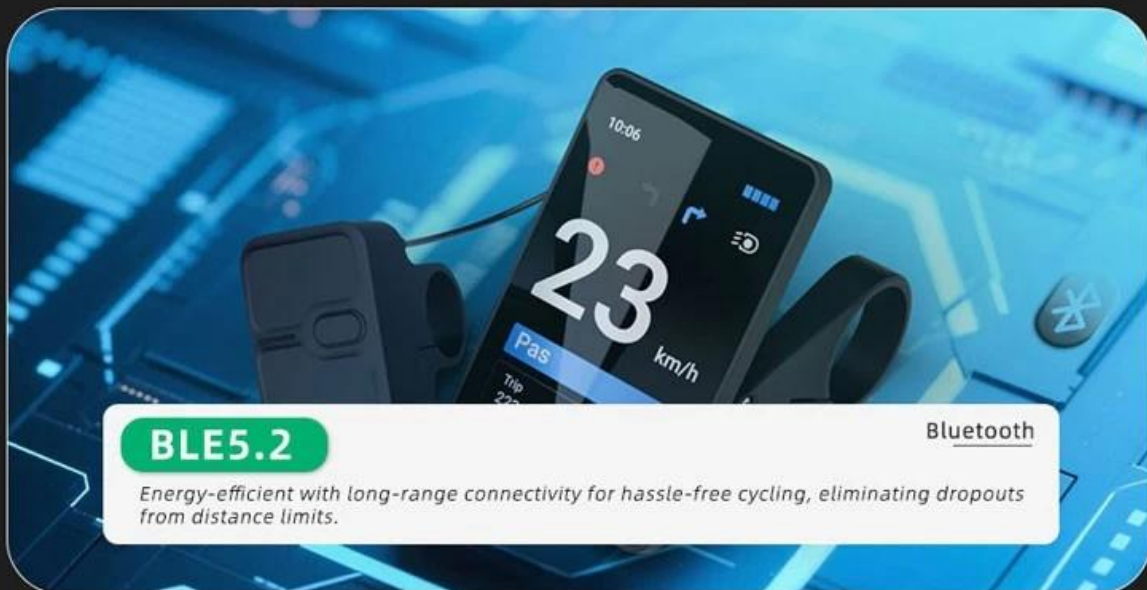
## Multi-functional Integration



### 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**

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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





# 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





# 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+ years factory

**20+**

20+ years in client service

**200+**

More than 200 Employees (over 50 R&D Personnel)

**6000**

6000 Square Meters of Office Space

**4**

4 Professional Production Lines

**2亿+**

Over 150 Million Users Using OMNI Positioning Service

**600万+**

Sold terminal IoT equipment