

1. 產品名稱 產品型號 產品規格 產品特點 產品優勢 **ebikes** 產品介紹

產品名稱 **IoT** 產品型號 產品規格 產品特點 **Ebike** 產品優勢 產品特點 產品優勢 產品特點 產品優勢

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產品名稱 **Ebike** 產品規格 產品特點 產品優勢 產品特點 產品優勢 產品特點 產品優勢 IP67

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

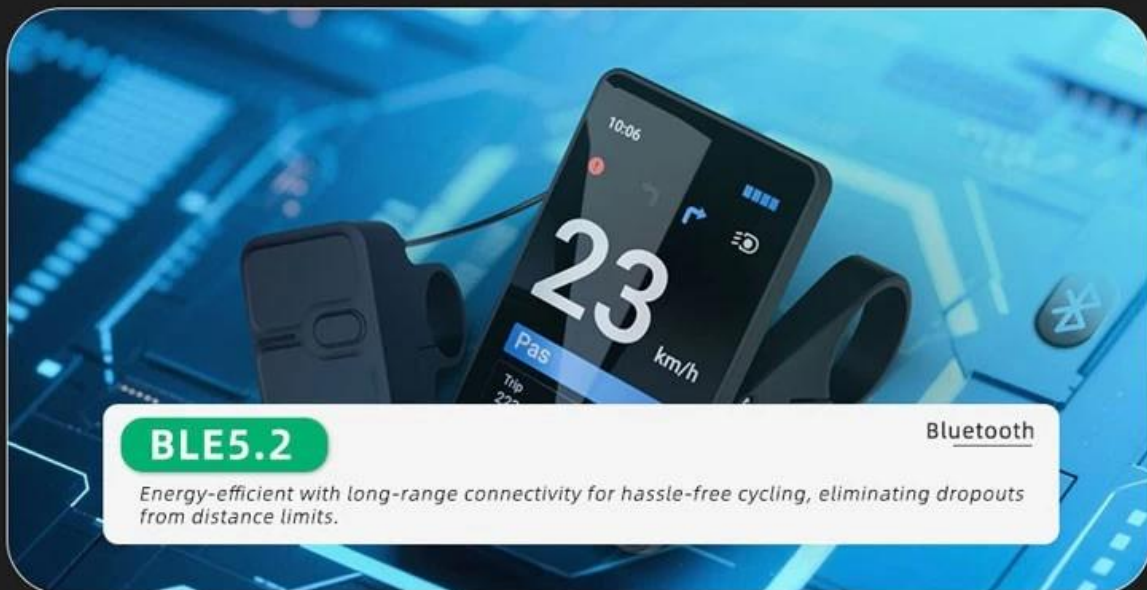
Multi-functional Integration



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



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