## Real-time Positioning Navigation and Maximum Security for Ebikes and Riders

# What IoT features does the eBike screen have in addition to basic display functions?

#### 1. Real-time Navigation

The **ebike display** maps the navigation route and links with turn signals to indicate directions in advance, ensuring safety and peace of mind.

### 2. Vehicle Upgrades supported by ebike screen

Supports network communication, positioning, and vehicle control communication.

#### 3. Smarter Detection & Voice Broadcast

Detects falls, vibrations, and tilts to provide real-time vehicle status updates.

### 4. Tamper Alert

Continuously monitors the vehicle and automatically alerts when abnormal activity is detected, ensuring security.

### 5. Phone Charging

Allows charging of mobile phones directly from the display.

### **6.Wide Compatibility**

Compatible with various vehicle models and handlebar types.

### 7. High-Level Waterproofing

The ebike screen keeps working well in rainy days as it is designed with waterproof high-level IP67.











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.





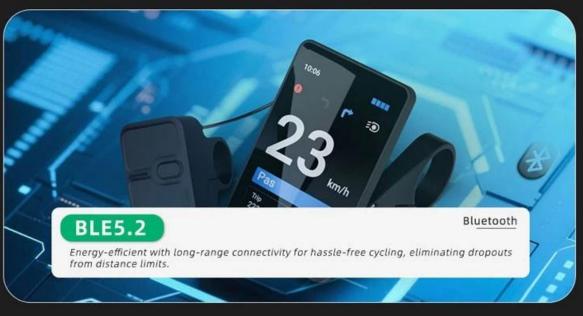




# Function Multi-functional Integration







### Why ebike screen matters?

### For Individual Riders:

More advanced control and ride data

Navigation,OTA updates

### For eBike Sharing & Rental Fleets:

Centralized management via the cloud

Real-time status of bikes(battery,location,issues)

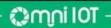
Improves efficiency and reduces maintenance downtime

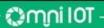


# Waterproof IP67-rated dustproof and waterproof









### loT-enabled Smart Display

Super loT functionality, smarter ride

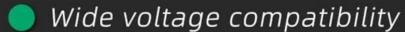
Backstage
Management

Backstage
Management

### Compatible

### **Adaptation & Communication**





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,  $4\Omega$  2W speaker

SIM card

Nano SIM

Casing material

PC plastic

