

TELTONIKA
TELTONIKA
FMB202 2G
Tracking Device
With Large



TELTONIKA FMB202 2G Tracking Device With Large Instruction Manual

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Product Information

Specifications

- **EYE Beacon:** BLE Beacon for traceability use cases, delivery tracking, monitoring of movable objects.
- **EYE Sensor:** Suitable for cold chain refrigerator use cases with built-in accelerometer and magnet detection.
- **Analog Fuel Sensor:** Key for fuel tracking in fleet management, connects via AIN to read fuel data.
- **1-Wire Temperature Sensor:** Monitors temperature using 1-Wire technology.
- **1-Wire TTJ Temperature Sensor:** Specifically designed temperature sensor.
- **1-Wire iButton Reader:** Enables connection of iButton for object identification.
- **1-Wire RFID Reader:** Implements driver authentication using RFID technology.

Product Usage Instructions

EYE Beacon

Use the EYE Beacon for traceability, delivery tracking, and monitoring of movable objects. Ensure proper BLE connectivity for accurate tracking results.

EYE Sensor

The EYE Sensor is ideal for cold chain refrigerator use cases. Utilize the built-in accelerometer and magnet detection for monitoring item movement and door events.

Analog Fuel Sensor

Connect the Analog Fuel Sensor via AIN to track fuel levels accurately. Ideal for fleet management applications without additional equipment.

Wire Temperature Sensor

Install the 1-Wire Temperature Sensor to monitor temperature variations effectively. Ensure proper connection to receive accurate temperature readings.

FAQ

Q: Can the EYE Beacon be used for agriculture applications?

A: Yes, the EYE Beacon is suitable for monitoring tractor attachments in agriculture settings.

EYE Beacon

BLE Beacon for traceability use cases, delivery tracking, monitoring of various movable objects in logistics (trailers, containers), agriculture (tractor attachments), and constructions (tools and inventory).

- BTSID1

EYE Sensor

Sensors data makes it especially suitable for cold chain refrigerator use cases. The built-in accelerometer can detect item movement or fall events. Magnet detection can be used for wireless open/close detection and notifications such as trailer door events, etc.

- BTSMP1

Analog Fuel Sensor

Fuel tracking is one of the key challenges of fleet management. If the vehicle has a factory installed Analog Fuel Sensor, there is a solution that does not require any additional equipment – you can connect the device via AIN to read the fuel data straight from the sensor

- Analog Fuel Sensor

1-Wire Temperature Sensor

Digital temperature sensor probe is based on Dallas DS18B20 sensor. An 8 meter cable length will not require any additional wires for even the most demanding installation places. These sensors operate in wide temperature range from -55°C to 125°C.

- 1-Wire Temperature Sensors

1-Wire TTJ Temperature Sensor

The TTJ communicates over a 1-Wire bus that by definition requires only one data line (and ground) for communication with a central microprocessor. It has an operating temperature range of -55°C to +125°C and is accurate to $\pm 0,5^{\circ}\text{C}$ over the range of -10°C to +85°C.

- TTJ Temperature sensor

1-Wire iButton Reader



One of the implemented features for fleet management devices is 1-Wire data protocol, which enables connection of iButton. The iButton device is perfect for any application where AVL data needs to travel along with a person or object identification.

- 1-Wire iButton reader

1-Wire RFID Reader



The easy solution for implementing driver authentication using RFID based on DS1990A. Read is able to receive identification data wirelessly from passive transponders (cards, tags, etc.)

- 1-Wire RFID reader

Documents / Resources

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