

# Smart Collision Prevention Devices

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## Features



- Zero-Infrastructure
- Auto-mode switches for Wristband:
  - Driver mode with red LED indicator.
  - Pedestrian mode with green LED indicator.
- Configurable warning zones.
- No mounting required for Vehicle Tag.

Browan's Smart Collision Prevention Solution enhances workplace safety using the **Vehicle Tag**, **Driver Wristband**, and **Pedestrian Wristband**. These devices employ advanced IoT technology to detect potential collisions and alert users in real time. Features include anti-collision technology to safeguard drivers and assets, route optimization for efficient deliveries, driver behavior monitoring for safer habits, zero-infrastructure setup to lower costs, and regulatory compliance to reduce fines and incidents, boosting overall safety and efficiency.

Specification	
Model Name	W0004
Device Type	Vehicle Tag      Driver/Pedestrian Wristband
Dimensions (mm)	51x36x15 mm      55x40x18 mm (w/wristband)
Weight (g)	29g (w/ battery)      54 g (w/ battery)
Operating Temperature	Charge : 10°C~45°C, discharge : -10°C~60°C
Humidity Range	Operating: smaller than 85%HR, storage: smaller than 40%HR
Protection level	IP55
RoHS	Compatible
Button size (mm)	7.5 mm
Rechargeable interface	USB Micro
Charge Voltage	DC 5V
Instantaneous power	Tx: 100 mA (UWB) Rx: 200 mA (UWB)
Battery	Rechargeable Lithium battery, 500 mAh
Battery Lifetime	24 hrs
Frequency Range	Channel 2: 3.75GHz 4.25GHz Channel 5: 6.25GHz 6.75GHz
Physical Rate	6.8 Mbps
Channel bandwidth	499.2 MHz
Tx Power	0 dB ~ 33.5 dB