

Wearable Tamper Resistant Bluetooth® Low Energy Wrist Tags for Location Tracking

The AiRISTA W7 BLE wearable Personnel or Patient tag enables real-time location visibility of a person's location with integrated wristband tamper detection functionality and cut-off alerting. Combined with the *sofia* software platform, applicable settings can be established with workflow rules and alerts.

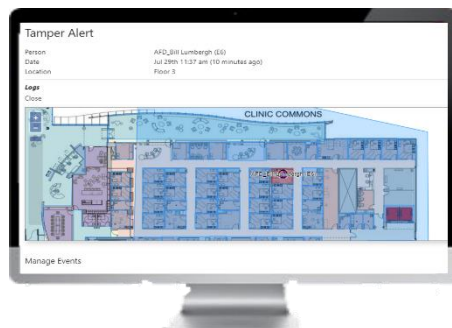
The AiRISTA W7 is worn comfortably on a person's wrist with tamper detection built into the wristband for anti-tampering and alarming. The tag is waterproof, allowing users to comfortably wash during use.

Location tracking can be done in real time (instantaneous location), historical tracking (bread crumb trails) as well geo-fence scenarios with user-defined rules to trigger location-based alerts.

The AiRISTA W7 senses and records the person's body temperature and includes an SOS panic button and one LED indicator. An internal buzzer as an audible indicator is optional.

The AiRISTA W7's rechargeable Li-polymer battery maintains a charge for up to 12 months thanks to support for ultra-low BLE 5.0 technology.

The AiRISTA W7 is over the air programmable and can be configured from AiRISTA's *sofia* software platform.



Benefits

- Comfortable, secure adult wrist band
- Wristband tamper detection and cut-off alerting
- Ideal for monitoring high risk individuals
- Ultra-low power provides up to 12 months of battery life on a charge

Features

- BLE 4.X – 5.X
- Alerting over standard BLE networks
- Remote configuration
- IP-67 rated water resistance
- Rechargeable lithium polymer battery
- SOS panic button
- Body temperature recording (up to 40,000 records stored)
- LED indicator
- Optional: audible buzzer alerting

Technical Specifications

W7 BLE Tag

Personnel / Patient Wrist Tag with Tamper Detection

BLE Radio

BLE 5.0
Wireless frequency band 2.4GHz
Transmit range 100m line of site (physical environment dependent)
Tx power -40~4dBm

Protocol Support

iBeacon
Eddystone UID
Eddystone URL
Eddystone TLM

Electrical Interface

Rechargeable lithium polymer battery
Up to 12 months per charge

User Interface

Push Button
Single LED indicator

Environment

Operating Temperature: -40°C to 70°C
Storage Temperature: 10°C~+25°C, <=65%RH
IP67 rated for dust and water resistance

Physical

Dimensions: 45mm x 50mm x 260mm
Weight: roughly 48 grams
Material: ABS + silicon loop

Ordering Information

Wearable Tag: W7

Warranty

One Year Warranty

*Specifications subject to change without prior notice.

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