

Versatile BLE Tags for a Variety of Industry Needs



AiRISTA's e-Series Bluetooth® Low Energy tags are an ideal solution to address a variety of markets. Together with AiRISTA's sofia RTLS software platform, location is calculated by combining signals from BLE-enabled access points and/or AiRISTA's wireless infrastructure for industry leading accuracy. Ideal for healthcare, industrial, hospitality, education markets and more, the solution supports asset tracking, staff safety, patient flow, and wander management. The e-Series delivers on the many advantages of BLE including longer battery life, small size, and location accuracy.

FEATURES



eTW1

Eco-friendly BLE patient tag is waterproof and disposable.



eTW2

Personnel tracking ensures the safety of patient and employee with field replaceable battery.



eTB1

Designed for staff safety, includes high-capacity battery, and ID holder.



eTA1

The small, waterproof casing allows for easy cleaning of all assets. The tag can also be affixed easily on small, awkward spaces like hospital assets.



eTA2

Designed for industrial applications, its compact size allows for easy deployment on a wide range of industrial assets.

- Ultra-thin and lightweight for patient comfort when wearing
- Tear-resistant construction for long-term use
- Button for notifications of emergency situations or patient assistance
- Button for notification of emergency situations, task completion, etc.
- Rugged, wearable design
- Works with standard patient wristbands
- Textured button to activate notifications without the need to look at tag
- Horizontally or vertically wear options for integration of standard CR80 ID card
- Micro size and lightweight design, similar in size to a standard domino
- Various attachment options support variety of use cases and industries
- Wide operating temperature range for harsh environments
- Variety of mounting options, including built in magnets for quick, secure attachment

Specifications

e-Series



	eTW1	eTW2	eTB1	eTA1	eTA2
Connectivity	BLE 4.2	BLE 4.2	BLE 4.2	BLE 4.2	BLE 4.2
Dimensions	60*26*3mm (PCBA area) 250*26*3mm (Wristband area)	40.4 * 29.0 * 8.6mm	86.0*54.0*9.0mm	40.2 * 28.2 * 6.0 mm	94.6*51.7*22.8mm
Color	White	White	White	White	Grey
Material	Flexible Plastic	Plastic	Plastic	Plastic	Plastic
Weight	5g	7.6g (without battery & strap)	36g	15g	30g
IP Rating	IP67	NA	IP66	IP67	IP67
Battery	Disposable paper 12mAh	Replaceable CR2032, 3V	Non-Replaceable 800mAh	Replaceable CR2032, 3V	Replaceable ER14505, 3.6V
Battery Lifespan	Up to 4 months ¹	Up to 6 months ¹	Up to 2years ¹	Up to 6 months ¹	Up to 6 years ¹
Operating Temperature	-20°C to + 60°C	-20°C to + 60°C	-20°C to + 60°C	-20°C to 60°C	-30°C to 80°C
Transmission Range	Up to 100m (Open area)	Up to 100m (Open area)	Up to 150m (Open area)	Up to 150m (Open area)	Up to 150m (Open area)
BLE Protocols	iBeacon	AiRISTA Protocol ² (enhanced functionality), iBeacon	AiRISTA Protocol ² (enhanced functionality), iBeacon	AiRISTA Protocol ² (enhanced functionality), iBeacon	AiRISTA Protocol ² (enhanced functionality), iBeacon
Beacon Rate	10,000 msec (10 sec)	1,000 msec (1 sec)	1,000 msec (1 sec)	1,000 msec (1 sec)	1,000 msec (1 sec)
Installation	Bracelet	Bracelet , keyring and neck chain	Lanyard	Sticker, zip tie, lanyard	Screw Sticker Zip Tie Magnetic adsorption
Certification	FCC CE RoHS REACH	FCC CE RoHS REACH	FCC CE RoHS REACH	FCC CE RoHS REACH	FCC CE RoHS REACH

1. Battery life varies based on operating environment, advertising intervals and other factors.

2. Includes unique AiRISTA MAC OUI

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