

VIATRAX BADGE TAG

Precision BLE Tracking for Supply Chain Visibility

Viatrax Badge Tag is small, waterproof, and versatile.

The Viatrax Badge Tag is a compact, badge-style indoor Bluetooth AoA high-precision positioning tag engineered for versatile personnel and asset tracking across all scenarios. It delivers real-time location monitoring, abnormal status warnings, and SOS alarms, with a three-axis vibration sensor and multiple reminder feedback options.

Features a slim, easy-to-carry card design compatible with RFID for access control and multi-application use, it offers high protection, portability, and reliable rapid emergency response in demanding environments.



KEY FEATURES



Sub-Meter Accuracy

0.1–1m positioning precision with BLE technology and optional RFID (HF/LF) for inventory scanning



Personal SoS

ABS plastic with signature triangular corner notch for intuitive orientation and easy mounting



Adaptive Power

Intelligent power management with real-time tracking and automatic energy-saving modes



Smart Alerts

Geofencing, impact detection, and movement-triggered notifications

Designed for hospitals, warehouses, and offices:



Visitor & Contractor Management



Patient Flow & Safety



Exhibition Guiding

TECHNICAL SPECIFICATIONS

Communication		Misc.	
Bluetooth Protocol	Bluetooth LE 5.0	Dimensions	85 × 55 × 6mm
Refresh Rate	0.1Hz ~ 30Hz (adjustable)	Weight	30g
Positioning Accuracy	0.1 ~ 1m	Certifications	FCC, CE
Power & Sensors		Environmental	
Battery	Lithium, 480mAh	Waterproof	IP66
Battery Life	6 months, rechargeable (USB-C)	Operating Temp	-20°C ~ 60°C
Sensors	Accelerometer	Storage Temp	-40°C ~ 75°C