MTB11 Ambient Light Harvesting BLE Tag

Ambient Light-powered, Low-carbon Tracking



PRODUCT INTRODUCTION ▶

The MTB11 Ambient Light Harvesting BLE Tag revolutionizes asset tracking by eliminating the need for batteries. Slim, compact, battery-free, the MTB11 Bluetooth beacon collects and stores energy from the environment for continuous, maintenance-free operation. With built-in energy storage, it accumulates power during well-lit conditions to maintain operation for extended periods even in low-light environments. Designed for warehousing, logistics, and smart manufacturing, the MTB11 ensures 24/7 visibility of high-value assets with its low-energy Bluetooth 5.0 connectivity. Unlike traditional tags, it contains no heavy metals, aligning with global sustainability goals while reducing long-term costs.

KEY FEATURES ▶

Slim & Compact Design
Fits seamlesslyonanyasset.

Ambient Light Powered
No batteries,noreplacements,Save your time and cost.

Always Active
Reliabletrackingunder low light conditions.

Built-In Energy Storage
Persistentpowerdeliveryenables non-stop operation.

Heavy-Metal-Free
Eco-friendly& RoHScertified.

APPLICATION SCENARIOS ▶

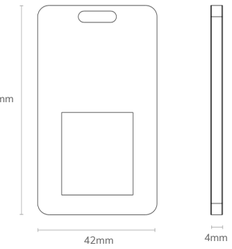

Smart Warehousing Solutions


Logistics & Transportation


Medical Equipment Tracking

Specifications

Material	ABS / PC
Color	White
Size(L*W*H)	74*42*4mm
Weight	15.4g
Protection Rating	IP67
Information View App	MinewLink App (Broadcasting data viewing)
Bluetooth Broadcast Power	0dBm
Default Interval	3000ms
Broadcast Distance	80m (262ft) in open space
Recommended Working Temperature	-20~40°C (-4~104°F)
Recommended Storing Temperature	20~30°C (68~86°F)
Recommended Operating Light Intensity	400-1000 lux
Estimated Operating Life	10 Years or more(Depending on light exposure and configuration)



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