

UHF PASSIVE RFID TAG

BIN TAG

LONG RANGE. DURABLE. WATERPROOF.

Reliable performance for **asset tracking** in any environment.

The Bin Tag is a high-performance UHF Passive RFID Tag designed for reliable asset tracking and identification across a wide range of applications.

Its rugged ABS housing with waterproof design ensures excellent durability for both indoor and outdoor use. Easy to install with screw or 3M adhesive, it delivers stable performance on non-metal surfaces.

APPLICATIONS

- Asset Tracking
- Logistics & Supply Chain
- Warehouse Management
- Equipment Tracking
- Waste Bin Management
- Inventory Management

KEY FEATURES

- ✓ UHF Passive RFID technology for long range tracking
- ✓ Rugged ABS waterproof housing for harsh environments
- ✓ Stable performance on non-metal surfaces
- ✓ Easy to install – Screw or 3M adhesive
- ✓ Up to 8 metres adjustable read range
- ✓ Supports multiple tags reading (anti-collision)
- ✓ Compact size – ideal for asset & equipment tracking
- ✓ Global frequency – 840 to 960MHz

RFID SPECIFICATIONS

Model	Bin Tag
Type	UHF Passive RFID Tag
Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
Frequency	Worldwide 840-960MHz, US 902-928MHz, EU 865-868MHz
Chip	NXP U Code 8
Memory	EPC 128bits / TID 48bits / User 0bits
Read & Write	Supported
Read Range	1-8 metres adjustable (reader & environment dependent)
Data Retention	10 years
Programming Cycles	100,000 cycles
Anti-collision	Support multiple tags reading

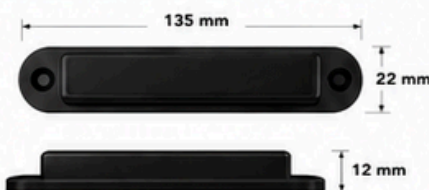
PHYSICAL SPECIFICATIONS

Size	135 x 22 x 12 mm
Substrate Material	Foam Sticker
Antenna Material	Aluminum Etching + PET
Surface Material	ABS Waterproof
Encode	Supported
Installation	Screw & 3M Sticker
Operating Temperature	-40°C ~ +80°C
Operating Humidity	20% ~ 90% RH
Weight	14 g / pcs
Package	50 pcs / bag

APPLICATIONS

-  **ASSET TRACKING**
Track valuable assets and equipment with long range and high reliability.
-  **LOGISTICS & SUPPLY CHAIN**
Improve visibility and efficiency across the entire supply chain.
-  **WAREHOUSE MANAGEMENT**
Optimise inventory, locate assets and reduce operational costs.
-  **EQUIPMENT TRACKING**
Monitor tools, machinery and equipment in real time.
-  **WASTE BIN MANAGEMENT**
Track waste bins and optimise collection schedules and maintenance.

DIMENSIONS



WHAT'S IN THE BOX



1 x UHF Passive RFID Tag (Bin Tag)

- ✓ Bulk packed securely

ORDER INFORMATION

Model	Description
Bin Tag	UHF Passive RFID Tag (Bin Tag)

PACKAGING
50 pcs per bag



RECOMMENDED STORAGE

- Store in cool, dry conditions
- Avoid direct sunlight exposure
- Recommended humidity: 20%~90% RH
- Keep sealed in original packaging until use

