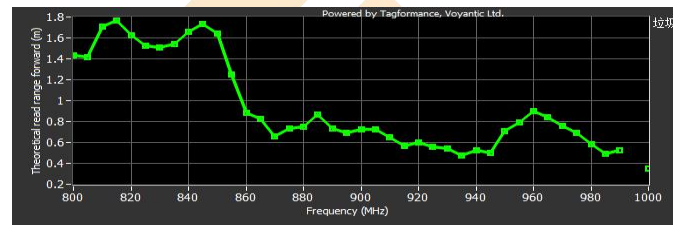# XY-U010002501S   Product Description

Application

- Waste Bin Management
- Motor Vehicle Manufacturing
- Oil and Gas Management
- Construction and Mining
- Traffic Management
- Railway Management
- Logistics and Recyclable Parts

Appearance

Features

- With UHF technology, hundreds of tags can be read at a time
- Reading distance: >1m
- New mechanical design, better reading performance on metal, suitable for outdoor environment
- 100% non-magnetic material
- Support high speed read-write

Read Range

RF & Physical Specifications

Item	Description	Deviation	Unit
Chip	H3	N/A	N/A
Dimensions	25mm Diameter	±0.5	mm
Thickness	9mm	±0.2	mm
Material	PPS	N/A	N/A
IP Rating	IP 67	N/A	N/A
Application Temp.	-40~220℃	N/A	℃
Operating Temp.	-20~70℃	N/A	℃
Memory	EPC 96bits, USER 512bits	N/A	bit
Frequency range with the best performance	902-928MHz	N/A	MHz
IC Life	Write endurance of 100,000 cycles Date retention of 50 years	N/A	N/A

Application Instructions: This is an UHF RFID anti-metal tag. It is suitable for the identification and tracking of recyclable transportation trash cans, industrial assets and other assets. The tag's packaging is designed to withstand all kinds of impacts for outdoor use and has strong performance when used on metal surfaces. This makes the installation and reading of both fixed and handheld readers more flexible and reliable in use, helping to improve garbage sorting and identification

Optionals: Personalized custiomization; silk screen printing, spray printed number (UID code, EPC code, barcode, etc.)
Provide adhesive option.
Encoding service.
Other services as your request.

Notes: Installation and use in accordance with specifications, involving the installation of auxiliary appliances, shall be used with the appliances.
Using a read-write machine with the same protocol to read & write, related to encryption should be used with a password.
Please use in strict accordance with the product specification.
Please contact our technical personnel to deal with the abnormal problems such as product damage, package damage and incomplete data.