

ICS Hard Tag

IT asset management tag is a small size, high performance on-metal-mount tag.

With high reading distance, it has appearance of very small size and diversification of the fixed way. It is specifically designed to provide a quick solution for tracking IT networking, servers in data center and more.

Physical Specification

Dimension:	37,6 × 13,6 × 4,6 mm (1,48" × 0,54" × 0,18")
Material:	PC
Color:	Black
Mount way:	Adhesive/Hang on/Wind-up
Quality Assurance:	100% Performance Test
Printing:	Customized Printing available

Electrical Specification

Protocol:	ISO/IEC 18000-6C & EPC global Class 1 Gen 2
Operating Frequency:	902~928 MHz (US)
Integrated Circuit [IC]:	M4QT
EPC Memory:	96 bits
User Memory:	512 bits
Read Range:	Fixed: Up to 5 m/16 feet(EIRP 2W) HHT: Up to 2.5 m/8 feet(EIRP 1W)
Expected read cycles:	100,000 cycles
Data retention:	10 years

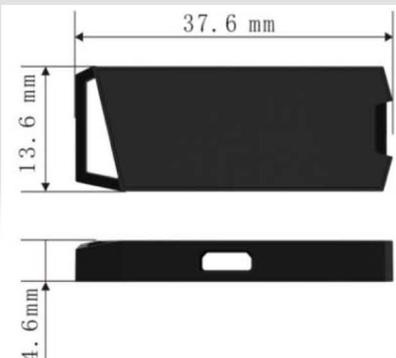


Features

- Ultra small size
- Long read distance
- Waterproof
- Variety of fixed methods
- Super strength adhesive

Application

- On metal surface
- IT asset tracking applications
 - Laptops tracking
 - Metal shelf warehousing management
 - Cable management



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Environmental

Operating Temperature: -20 ~ 70°C/-4 ~ 158°F

Operating Humidity: 30 % ~ 70 %

Storage Temperature: -20 ~ 70°C/ 4 ~ 158°F

Storage Humidity: 30 % ~ 70 %

IP Rating: IP 67

Expected lifetime: 10 years

Guarantee: 2 years

ESD: 2000V

Certificate: EPC Global

Note

1. US means the read range tuned the best between operation frequency 902-928MHz. It covers the region of America countries and most of Asia countries.
2. It can only be used to metallic surface. When you hang the tag in work, the back of tag needs to be hung near the metallic surface.
3. The read rate and lifetime of the tag will depend on the temperature conditions. Cold temperatures below specification may slow read rates. High temperatures can cause erratic performance.
4. The performance will be better when it fixed to the edge of the metal.



For maximum adhesion, the following steps should be taken:

1. Clean surface using Isopropyl alcohol, alcohol pad or equivalent solvent ensuring surface is free from dirt, dust, oil and misc debris that may affect adhesion.
2. Handle tag by edges, peel release liner from back ensuring not to touch adhesive.
3. Place tag in desired tagging location and firmly apply even pressure to tag for 5 seconds.
4. Do not disturb newly mounted tag for at least 15 minutes to ensure proper adhesive seating