

# Mini

## UHF Metal Tag

Mini is an on-metal RFID tag, compatible with the EPC Class 1 Gen 2 (ISO18000-6C) standards. It is quite suitable for metal assets in outdoor or harsh environment. Its small footprint makes it ideal to attach to pipes, and small metal assets and fixed assets.

The tag comes with foam adhesive as standard and also has holes on each end for riveting permanently.



**100% read-tested tags with industry best RFID NXP Ucode 8/9 chips. These tags are available in different colors and can be customized with customer branding.**

## RECOMMENDED APPLICATIONS

### Metal Asset Tracking

RFID is a favoured method of tracking small metal asset such as machinery, tools, or metal fixtures. Quickly and easily account for all assets such as tools, machinery etc by handheld/fixed reader scanning an RFID encoded tag applied to the assets. Mini is designed to excel in environments where tracking metal assets is required



### Other Applications:

Medical Assets, Cylinders (curved surface), Machinery tracking

# Specifications

|                       |  |
|-----------------------|--|
| Part no.:             | WL01U  |
| Operating Frequency : | 865-868 MHz (ETSI)   |
| Operating Mode :      | Passive (battery-less transponder)   |
| Read Range :          | up to 4m* (On Metal)   |
| Protocol :            | ISO/IEC 18000-6C   |
| Chip Type :           | NXP UCode U8/U9; EPC Class 1 Gen 2   |
| Memory :              | EPC 128/96 bits<br>48-bit Tag Identifier (TID) factory locked<br>User Memory 0 bit |
| Data retention :      | Up to 10 years   |
| Dimensions :          | 70 x 22 x 9.5mm  |
| Material :            | ABS  |
| Ingress Protection :  | IP67   |
| Operating Temp. :     | -10°C to +85°C   |
| Storage Temp. :       | -10°C to +65°C   |
| Quality Assurance :   | 100% read-tested   |
| Optional services :   | Logo Printing and Encoding   |

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