

## FERRUM : UHF Long Range Metal Tag

**Product Code: WL05U**



- Ferrum is designed as long range tag for use in tracking all types of metallic assets in harsh environment. It comes with thin film 3M adhesive for attachment and screws for riveting permanently.
- It gives a consistent read-range of about 12-14feet\* with MC3190 handheld on metallic assets.

### Technical Specifications:

Electrical:      Operating Frequency :      (EU)865~868 MHz / (US)902~928 MHz  
                         Operating Mode :              Passive (battery-less transponder)  
                         Read Range :                      up to 8m\* (Reader and antenna dependant)

Chip Type:      Alien Higgs 3 EPC Class 1 Gen 2  
                         EPC 96 bit extendable up to 480 bits  
                         User Memory 512 bit  
                         Data retention of up to 10 years

Mechanical:      Dimension : 122 x 24 x 10mm  
                         Material : ABS  
                         IP rating : IP67

Thermal:              Operating Temp. : -20°C to +65°C  
                         Storage Temp. : -10°C to +55°C

Optional:              Logo printing/Laser engraving at extra cost.

\* Read-range achieved using standard testing methodology. Read range will vary with reader hardware and output power.  
Preliminary Data Sheet: Certain specification subject to change.

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