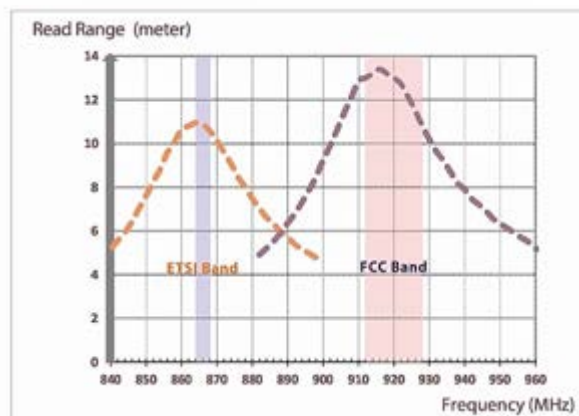




### Revolution of Ideas

With its süper rugged casing and high performance antenna design, IronTrak is best solution for tracking of metal objects. It is ideally suitable for:

- Heavy machinery
- Trucks or forklifts
- Cargo containers or panels



## MECHANICAL SEPCIFICATIONS

Tag Materials	PA6+GF30%
Surface Materials	PA6+GF30%
Dimensions (mm)	50x50x11.5 mm
Dimensions (in)	1.97x1.97x0.45 in
Weight (g)	23
Attachment	Industry grade adhesive Rivet hole 4.8 mm (0.19 in)
Color	Gray by default

## Environmental Specifications

Operating Temperature	-30°C to +85°C -22°F to +185°F
Ambient Temperature	-30°C to +150°C -22°F to +302°F
IP Classification	IP68
Certifications	CE approved RoHS approved

## RF Specifications

RF Air Protocol	EPC Global Class 1 Gen 2 ISO 18000-6C
Operating Frequency	UHF 866-868 MHz (EU) UHF 902-928 MHz (US) UHF 920-925 MHz (CN)
Environment Compatibility	Metal and non-metallic
Read Range On-Metal (2W ERP)*	Up to 10 m / 32.8 ft
Read Range On-Metal (2W ERP)*	Up to 4 m / 13.12 ft
Polarization	Linear
IC Type	Alien H3
Memory Configuration	EPC 96bit TID 64bit User 512bit

\*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.

