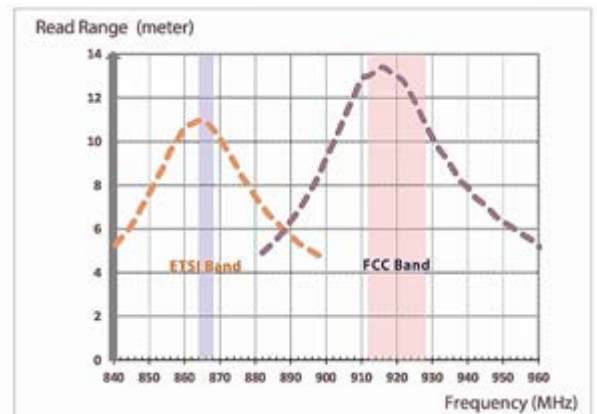




Revolution of Ideas

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

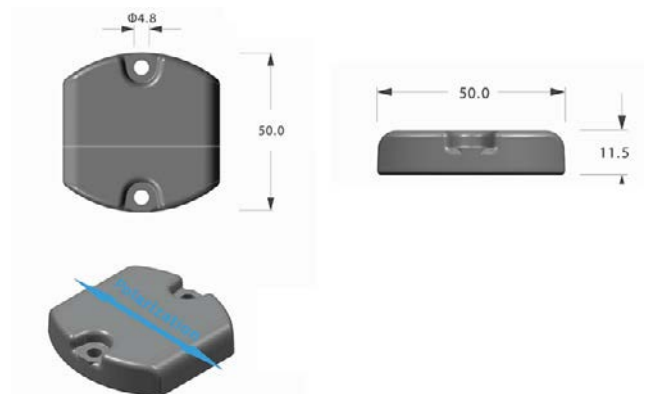
Environmental Specifications

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.



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