



Magneto Tag

FEATURES

- Magneto tag is a frequency independent tag and operates effectively with read range of over 8m when attached to metal.
- Rugged construction for high durability.
- Can be attached directly on iron with the help of magnet.

APPLICATIONS

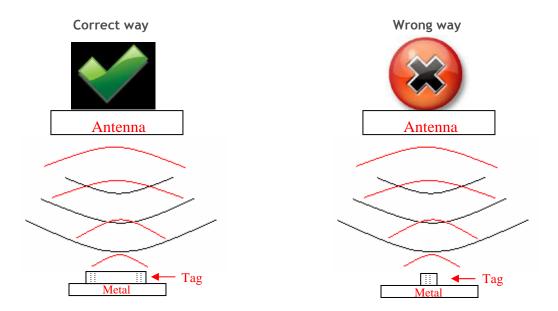
- Due to global frequency tuning and high read range, Magneto tag can be effectively used in asset tracking, Ware house management, Containers and Railway Coaches identification in any part of the world irrespective of frequency used in country.
- Factory automation, Automotive & Security purpose.

Chip Type: User Memory 512 bit Data retention of 50 years Write endurance 100.000 cycles Dimension Material ABS Colour Black Weight 91.3 g Coperating Frequency Operating mode Dimension ABS Colour Black Weight 91.3 g Coperating Frequency Operating Frequency Operating mode Dimension ABS Colour Black Weight 91.3 g Coperating Frequency Operating Frequency Operating Temp. Operating Frequency Operating Frequency Operating Temp. Storage Temp. Operating Temp.	Chip Type:	Alien Higgs 3 EPC Class 1 Gen 2		
Data retention of 50 years Write endurance 100.000 cycles Dimension 150 x 25 x 12 mm Material ABS Colour Black Weight 91.3 g Electrical: Operating Frequency 860-960 MHz Operating mode Passive (battery-less transponder) Ingress Protection: IP67 Thermal: Storage Temp40°C to +85°C Operating Temp40°C to +85°C		EPC 96 bit extendable up to 480 bits		
Mechanical: Dimension Material ABS Colour Black Weight 91.3 g Coperating Frequency Operating mode Dimension ABS Colour Black Weight Passive (battery-less transponder) Ingress Protection: IP67 Thermal: Storage Temp. Operating Temp. Operating Temp40°C to +85°C -40°C to +85°C		User Memory 512 bit		
Mechanical: Dimension 150 x 25 x 12 mm		Data retention of 50 years		
Mechanical: Material ABS Colour Black Weight 91.3 g Electrical: Operating Frequency Operating mode 860-960 MHz Passive (battery-less transponder) Ingress Protection: IP67 Storage Temp. -40°C to +85°C Operating Temp. -40°C to +85°C		Write endurance 100.000 cycles		
Mechanical: Material ABS Colour Black Weight 91.3 g Electrical: Operating Frequency Operating mode 860-960 MHz Passive (battery-less transponder) Ingress Protection: IP67 Storage Temp. -40°C to +85°C Operating Temp. -40°C to +85°C				
Colour Weight Operating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP67 Storage Temp. Operating Temp. Operating Temp40°C to +85°C -40°C to +85°C	Mechanical:	Dimension	150 x 25 x 12 mm	
Weight 91.3 g Coperating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP67 Storage Temp. Operating Temp40°C to +85°C -40°C to +85°C		Material	ABS	
Electrical: Operating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP67 Storage Temp. Operating Temp. -40°C to +85°C -40°C to +85°C		Colour	Black	
Ingress Protection: Passive (battery-less transponder) Passive (battery-less transponder)		Weight	91.3 g	
Ingress Protection: Passive (battery-less transponder) Passive (battery-less transponder)				
Operating mode Passive (battery-less transponder) Ingress Protection: IP67 Storage Temp. Operating Temp. Operating Temp. -40°C to +85°C -40°C to +85°C	Electrical:	Operating Frequency	860-960 MHz	
Thermal: Storage Temp40°C to +85°C Operating Temp40°C to +85°C		Operating mode	Passive (battery-less transponder)	
Thermal: Storage Temp40°C to +85°C Operating Temp40°C to +85°C				
Thermal: Operating Temp. -40°C to +85°C	Ingress Protection:	IP67		
Thermal: Operating Temp. -40°C to +85°C				
Operating Temp40°C to +85°C	Thermal:	Storage Temp.	-40°C to +85°C	
Part Number: 378V1		Operating Temp.	-40°C to +85°C	
Part Number: 378V1				
1 1	Part Number:	378V1		
Available with:	Options:	Available with:		
Ontions: Other IC type on request		Other IC type on request		
Other plastic material and colours e.g. PC/ABS		Other plastic material and colours e.g. PC/ABS		
Adhesive backing for easy mounting		Adhesive backing for easy mounting		

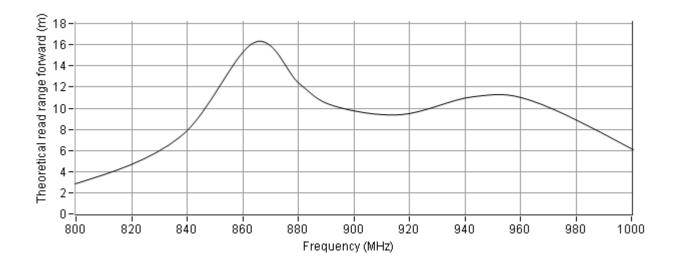


Tag Placement

- Magneto tag is polarized perpendicular to TTF logo.
- ♣ Place the tag in such a way that most of its bottom area comes in direct contact with metal.
- Ensure that there is no hindrance between the tag and the reader antenna.
- Reader antenna should be parallel to the tag length as shown in below figure:

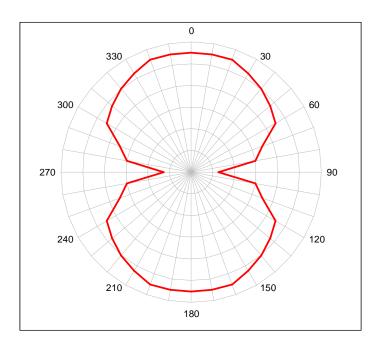


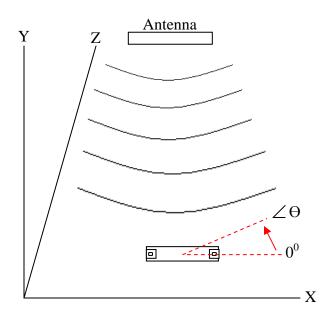
Tag can be attached directly on Iron with the magnet.



Angular Sensitivity

Magneto tag's Angular Sensitivity (Relative Read Range vs. Orientation)





Tag is rotated in the X-Y plane about the z axis