



UHF PTron Tag

Features

- Operates effectively with a very good read range when attached On to metal surfaces
- Rugged construction for high durability
- Can be attached by a strap, cable tie or adhesive
- Flexible Read/Write Range (reader dependent)

Applications

With innovative construction and customized printing compatibility, the PTron Tag is ideal for applications such as:

- Spool Tracking
- PIPE Tracking
- Cylindrical objects Tracking
- Metallic Assets Tracking

Physical

Size (L X W X H) in MM	120 x 60 x 20
Size (L X W X H) in Inch	4.72 x 2.36 x 0.78
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
IP Rating	IP 67
Weight	60 Gm
Material	ABS
Color	Off White
Attachment	Removable Strap Cable Tie Adhesive

Electrical

Protocol	EPC Class 1 Gen 2
Operating Mode	UHF Passive
Operating Frequency	ETSI: 865-868MHz FCC: 902-928MHz (Available on Request)
IC Type	Alien Higgs - 9 TID : 48 Bits EPC : Up to 496 Bits (Nominally 96 bits) User : Up to 688 User Bits
Memory	
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	On Metal: • Up to 13 M on Fixed Reader • Up to 6 M on Handheld Reader

* Read Range is based on ERP of reader antenna

Customization Options

Encoding	Serialized or Variable
Printing	Barcode, QR Code, Logo Etc.
Laser Engraving	Barcode, QR Code, Logo Etc.
Adhesive	Foam Adhesive
IC	Various Options Available, Depending upon requirement
Versions	1. Mount on Metal 2. Free Air