APPLICATIONS

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

- Manufacturing
- Logistics
- Plant & Machinery
- Metallic Assets Tracking
- Trolley/ Pallet Tracking

Physical:	
Size (L X W X H) in MM	61.5 x 20 x 7 (Hole Dia: 3.0)
Size (L X W X H) in Inch	2.4 x 0.7 x 0.2 (Hole Dia: .11)
Operating Temperature	-40˚C to +80˚C
Storage Temperature	-40˚C to +80˚C
IP Rating	IP 67
Weight	7.50 g
Material	ABS
Color	Grey
Attachment	With Foam Adhesive Screw or Revit
Electrical:	
Protocol Operating Mode	EPC Class 1 Gen 2
Operating Mode	UHF Passive
Operating Frequency	ETSI: 865-868MHz FCC: 902-928MHz (Available on request)
IC Type	Alien Higgs 3
Memory	TID : 96 bits EPC : 96 bits User : 512 bits
Data retention Write endurance	50 years
Write endurance	100,000 cycles
Read Range*	• Up to 9 Meters from a Fixed Reader
	• Up to 4.5 Meter from a 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

Key Features

- Operates effectively with a very good read range when attached on to Metal Surfaces
- Rugged construction for high durability
- Can be attached by screws with the help of two Holes
- Flexible Read/Write Range (reader dependent)