

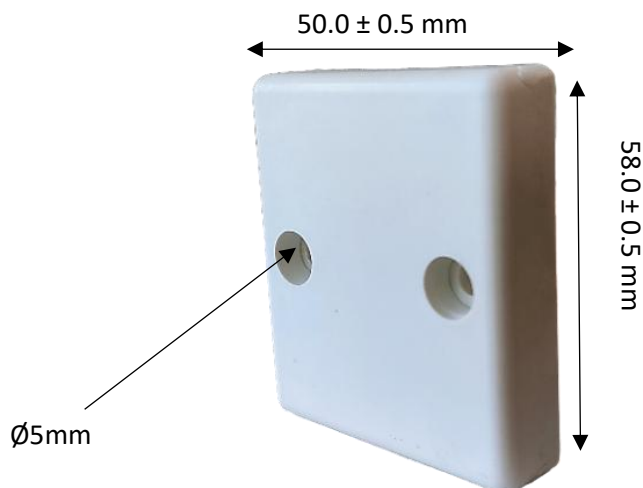
UHF HT Tag

Product Code: U1132830

HT Tag is the UHF Gen2 long range passive tag. Since the tag is overmolded and rugged constructed, therefore ideal for harsh environment and gives excellent performance when attached to metallic objects.



Tag Dimensions



Electrical Specifications

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2
Operational Frequency	865 – 868 MHz or 902 – 928 MHz
Chip**	Alien Higgs-9
Memory Configuration	Up to 496-EPC Bits (nominally 96 bits)
	48 Bit Unique TID
	Up to 688 User Bits
	Access password – 32 bits
	Kill password – 32 bits
Read Range*	On metal – Up to 10.0 m on Fixed Reader
Operating temperature	150°C for 40 hours 200°C for 30 hours
Storage temperature	-40°C to +100°C
Ingress protection rating	IP68
Attachment***	With screw/Rivets & Adhesive
Applicable surface	Metal

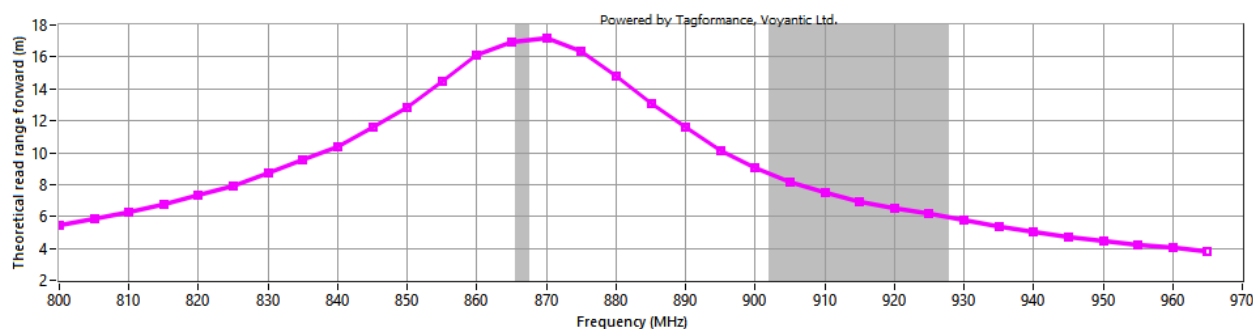
Physical and Mechanical Specification

Dimensions	58 x 50 x 12 ± 0.2 mm
Hole diameter (Bottom side)	5.0 mm
Weight	46 g
Encasement	PPS White
Quality Assurance	100% reader tested

Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours
Resistant to continuous exposure to motor oil for 2 hours
Additionally, abrasion resistant against HCL and IPA

Linear Frequency Graph



Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

Order Information

U1132830-EU	Alien Higgs 9 chip tuned at ETSI frequency
U1132830-US	Alien Higgs 9 chip tuned at US frequency

- * Actual read range may vary depending upon the reader
- ** Other on request
- *** Available as an option at extra cost

Omnia Technologies Pvt. Ltd.

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA

Email: sales@omniatags.com