

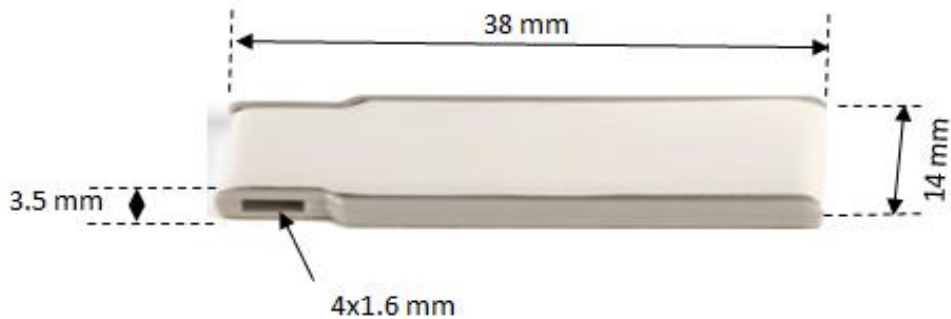
UHF Genie Tag

Product Code: U6311510X

Genie Tag is designed for asset tracking specifically for on-metal applications. The small size of the tag makes it a good fit for IT assets identification and tracking the tag reads from a good distance when attached to metal surfaces and can be affixed to the asset using strong self-adhesive or a cable tie through the side slot.



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-3	
Memory Configuration	EPC–96 bits, extendible to 480bits	
	TID – 96 bits unalterable unique	
	User memory – 512 bits	
	Access password – 32 bits	
	Kill password – 32 bits	
Read Range*	U6311510M	On metal – Up to 6.0 m on Fixed Reader with Linear antenna
	U6311510F	Off metal – Up to 3.0 m on Fixed Reader with Linear antenna
Operating temperature	-40°C to +80°C	
Storage temperature	-40°C to +80°C	
Ingress protection rating	IP54	
Attachment***	Self Adhesive / Cable tie	
Applicable surface	Metal/Off Metal	

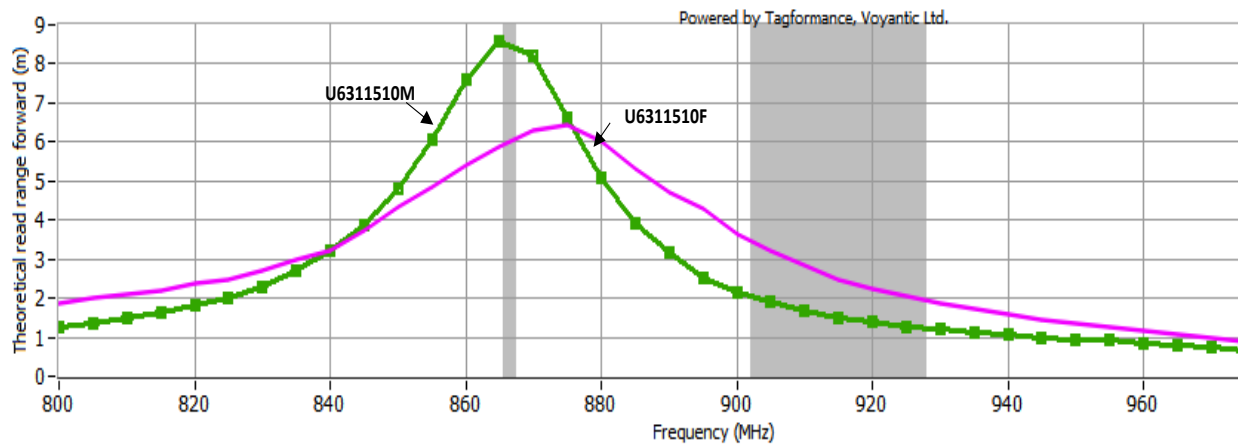
Physical and Mechanical Specification

Dimensions	38 x 14 x 3.5 ± 0.2 mm	
Slot Size	4 x 1.6 mm	
Weight	2.0 g	
Encasement	ABS & Polyester label	
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

U6311510M-EU / U6311510M-US	For on Metal with Alien higgs-3 chip tuned at ETSI /FCC frequency
U6311510F-EU / U6311510F-US	For off Metal with Alien higgs-3 chip tuned at ETSI /FCC frequency
U6311512M-EU / U6311512M-US	For on Metal with Alien higgs-4 chip tuned at ETSI /FCC frequency
U6311512F-EU / U6311512F-US	For off Metal with Alien higgs-4 chip tuned at ETSI /FCC frequency

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

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