

DATASHEET

UHF Mini Asset Tag

Tag Code: U2932710

Mini Asset tag is the UHF Gen2 long range passive tag. It is very suitable for its asset tracking and other non-metallic assets where the conditions are not harsh.



Electrical Specification

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*	On metal – Up to 2 m Off metal – Up to 2 m

Physical / Mechanical Specification

Dimensions	48 x 34 x 4.3 ± 0.2 mm
Colour	White
Weight	6.25 g
Encasement	HIPS (High impact plastic sheet)
Quality Assurance**	100% reader tested

Environmental Resistance

Operating temperature	-25°C to +75°C
Storage temperature	-25°C to +75°C
Ingress protection rating	IP54
Attachment***	Self Adhesive
Applicable surface	Metallic & Plastic objects

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

Additional Services

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

* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

Order Information

Part No.	Description
U2932710-EU	Alien higgs-3 chip tuned at ETSI frequency
U2932710-US	Alien higgs-3 chip tuned at US frequency
U2932712-EU	Alien higgs-4 chip tuned at ETSI frequency
U2932712-US	Alien higgs-4 chip tuned at US frequency

Dimensions



Radiation Pattern Graph

(Orientation vs Read Range Orientation)

Linear Frequency Graph

(Frequency vs Read Range Orientation)

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