

PRODUCT DATASHEET

GLOBAL TAG LONG RANGE RFID UHF ON-METAL TAG



Global Tag **LONG RANGE OM TAG** has been developed for indoor and outdoor applications to reach reading distance up to 30meters on metal surfaces.

LONG RANGE OM TAG can be mounted on all surfaces, even if it optimizes the performance on the metal .

Different customizations are available, such as: color, EPC/memory encoding, serial number/barcode engraving and further options on demand.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 130x42x10,5mm

Mounting System: Two holes to be fixed with screws or adhesive 3M (on demand)

Weight: 34gr.

Material: High Quality ABS

Color: Generally dark grey – any other colors optionally available

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -40°C to +80°C / -40°F to +176°F

Operating Temperature: -40°C to +80°C / -40°F to +176°F

Weather Ability: Very Good, including UV resistance and sea water

Delivery format: Individual

Expected lifetime: Years in normal operating conditions

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product’s final suitability for certain environmental conditions is recommended to be tested. We are available for other information.

CHIP SPECIFICATION AVAILABLE

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-63
IC Type Available	Alien Higgs3, Alien Higgs9, other on request
Read Range	Up to 30meters with 2W ERP

CUSTOMIZATION OPTIONS

Printing laser engraving: Serial UID, serial progressive number from database, randomize number from database text and Barcode. Other customization on required.

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.



ORDER INFORMATION

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT-LRUY-AH3

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

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DISCLAIMER

The information in this document is subject to change without notice. Global Tag assumes no responsibility for any errors that may appear in this document.

Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

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