

LONG RANGE RFID ON-METAL



Global Tag **LONG RANGE OM TAG** has been developed for indoor and outdoor applications to reach reading distances of up to 30 meters on metal surfaces, ensuring reliable long-range identification in industrial environments.

LONG RANGE OM TAG can be mounted on different types of surfaces, while its performance is optimized when applied on metal, where it guarantees stable and consistent reading even in challenging conditions.

Thanks to its robust design, the tag is suitable for applications requiring extended read range, durability and efficient asset tracking across large areas such as yards, warehouses and industrial facilities.

Different customizations are available, such as color options, EPC and memory encoding, serial number or barcode engraving, as well as additional features on demand, allowing easy integration into existing tracking and identification systems.

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

TYPES OF RFID CHIPS:

	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

Contact us for more information:

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