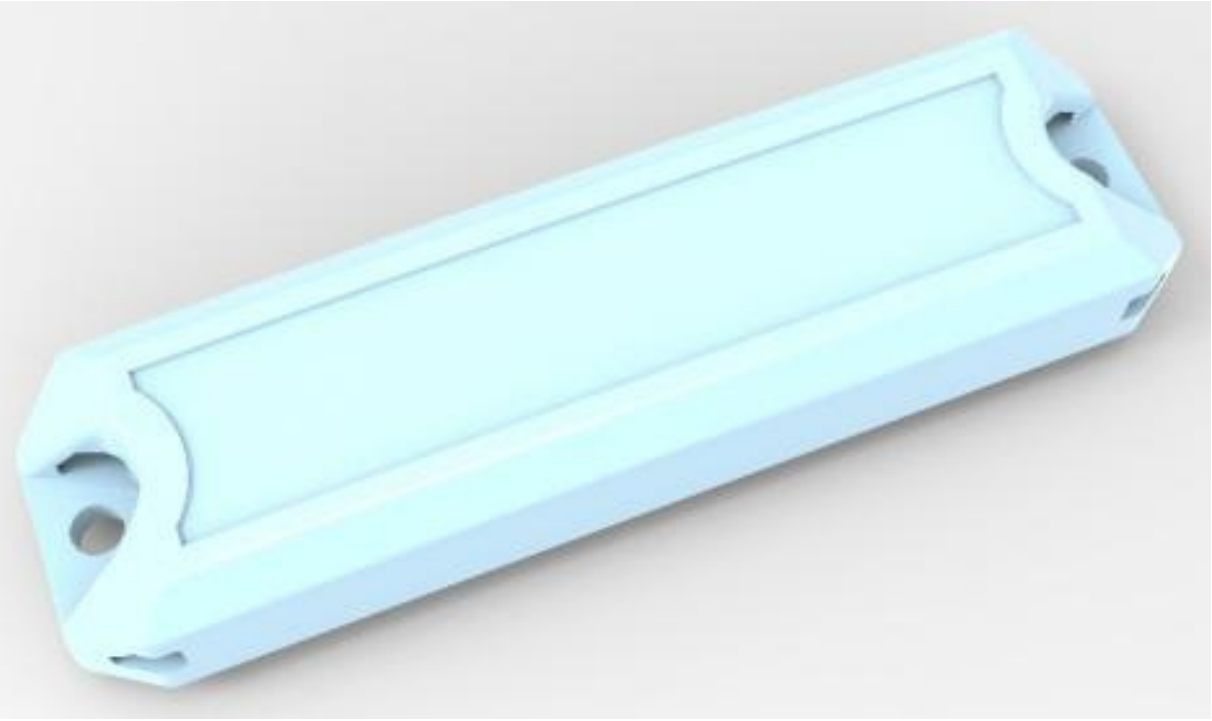
12M LONG RANGE ON METAL TAG



UHF

Global Tag 12M LONG RANGE ON METAL is a UHF RFID transponder designed for asset identification and traceability. It can be mounted directly on metal and non-metal surfaces using adhesive, cable ties or screws, offering different installation options according to the application.

The weather-resistant engineering plastic housing provides IP65 protection against dust and water ingress. Its 90 × 25 × 12 mm format integrates mounting holes for mechanical attachment.

Available with M781 or R6P chips according to the operating frequency, the tag offers different memory capacities for asset identification and data storage. The specified reading distance reaches up to 12 metres when mounted on metal.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 90 × 25 × 12 mm, excluding adhesive
Weight: 15 g
Mounting System: Adhesive, cable ties or screws
Material: Polycarbonate
Color: Grey
Protection Class: IP65
Electrostatic Resistance: 8 kV
Operating Temperature: -40˚C to +85˚C / -40˚F to +185˚F
Extreme Temperature Resistance: -40˚C to +80˚C / -40˚F to +176˚F
Storage Temperature: -20˚C to +60˚C / -4˚F to +140˚F
Storage Duration: 2 years at 25˚C ±5˚C

CHIP SPECIFICATION AVAILABLE:

Operating Frequency	902–928 MHz (US) 865–868 MHz (EU)
Air Interface Protocol	ISO/IEC 18000-6C EPC Class 1 Gen 2
IC Type Available	M781 (US) / R6P (EU)
TID Memory	96 bits
EPC Memory	448 bits (M781) 128 bits (R6P)
User Memory	128 bits (M781) 32 bits (R6P)
Access Password	32 bits
Kill Password	32 bits
Read Range	Up to 12 m when mounted on metal
Write Endurance / Data Retention	Up to 10,000 write cycles over 20 years

CUSTOMIZATION OPTIONS:

Laser Marking: Laser marking service available
Packaging: Packaging can be adapted according to customer requirements

ORDER INFORMATION:

PRODUCT CODE: GT-INDOM-xx (xx defined type of required chip)

Available Versions: US version with M781 chip; EU version with R6P chip
Standard Packaging: 100 pieces per bag; 8 bags per carton, totalling 800 pieces
Carton Dimensions: Defined according to the actual order

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