

PRODUCT OVERVIEW

orange RFID tags are housed in a tough, rigid, and protective shell—such as industrial plastic—making them suitable for the most aggressive environments, including physical impacts, extreme temperatures, moisture, chemicals, and mechanical stress.

These tags include high-protection anti-metal variants specifically designed for attachment to metal surfaces. An internal anti-metal layer counteracts signal interference from metal, solving the signal attenuation and readability issues common with ordinary tags in metal environments. Combined with high-performance chips and optimized antennas, they achieve longer reading distances and stable performance on metal surfaces.



100 x 40 mm

KEY FEATURES

- Long read range up to 14 meters
- High memory capacity with Higgs-9 chip
- Rugged design for industrial environments
- IP68 Rated: Impact & Chemical Resistant

TYPICAL USE CASES



Industrial
Asset Tracking
Equipment Marking



Vehicle
Management
Fleet Automation



Warehouse
Automation
Logistics Tracking



Security
Systems
Access Control

Technical Parameters

Chip	Higgs-9 (High Memory)
Protocol:	EPC Class 1 Gen2 / ISO 18000-6C
Frequency Range	860—960 MHz (UHF)
Read Range	Up to 14 meters
Memory	EPC: 128 Bits User: 688 Bits TID: 96 Bits
Tag Size	100 x 40 x10 mm
Material	Industrial Rugged Housing
Mounting	Screw, Rivet, Adhesive, Cable Tie
Operating Temp:	-40°C to +85°C
Storage Temp	-40°C to +100°C
Ingres Protection	IP68 (Dustproof, Waterproof)
Package	100 pcs / bag, 10 bags / box
IP Rating	IP 68

