

# 915MHZ RFID TAG IDEAL FOR METAL SURFACES



## PRODUCT DESCRIPTION

ART-IC Series are passive UHF RFID tags with IC's designed for use on multiple surface materials including metal. The tags are passive and have read ranges up to 4.0 meters.

These RFID tags incorporate Alien H3 IC's with 96 bits of EPC and 512 bits of user memory. The tags operate at 915MHz and work within the ISO 18000-6C/EPC Class1 Gen2 protocol.

The key attributes of ceramic tags are their read range, robustness, ability to operate over wide temperature ranges, and importantly when attached to metal objects unlike film tags.

## APPLICATIONS

- Local asset tracking for industrial, heavy equipment, and data center applications
- Medical equipment
- Aviation equipment and tools
- Military devices and vehicles
- Oil and gas industry
- Trains and other transportation assets

## FEATURES

- Up to 4.0m read range
- Compatible with any material, including metal
- Passive tag requires no battery or power supply
- Suitable for applications in harsh conditions
- Wide operating temperature -40°C~+85°C
- Compliant with ISO 18000-6C/EPC Class1 Gen2
- 902 ~ 928MHz operation
- Utilizing Alien H3 RFID chipset

Part Number	Read Range (m)	Size (mm)	Height (mm)
ART915X1620TX16-IC	1.2	Ø16.0	2.7
ART915X2509EP60-IC	1.8	25.0 x 9.0	3.7
ART915X3030YZ30-IC	4.0	30.0 x 30.0	3.7
ART915X25275YZ25-IC	2.5	25.0 x 25.0	2.75
ART915X130930TX13-IC	0.8	13.0 x 9.0	3.7
ART915X2117225TX21-IC	1.2	20.4 x 17.0	2.95
ART923X1015YZ10-IC	0.45	Ø10.0	1.5