



GAO RFID 's 2.45 GHz Active RFID Card Tag is used to identify and perform micro-localization of items or persons. It provides up to 100 m of read range yet uses very little power. Life expectancy is approximately 4 years. The tags unique anti-collision feature allows for a simultaneous read of up to 100 tags. A slot in the card allows for the attachment of a lanyard or tie. It is typically used for manufacturing and security applications or asset management. The tag is built around an innovative 0.18 μm low-power CMOS integrated circuit.

APPLICATIONS

- Security
- Asset Management
- Manufacturing
- Vehicle Management

2.45 GHz Active Personnel RFID Card Tag

Product ID 127002

KEY FEATURES

- ❑ Unique anti-collision feature.
- ❑ Can identify 100 tags simultaneously at distance up to 100 m.
- ❑ Innovative 0.18 μm CMOS IC technology for ultra-low power consumption.

TECHNICAL SPECIFICATIONS

Range	0 ft – 328 ft (0 m to 100 m)
Frequency	2.4 GHz to 2.5 GHz ISM
Weight	0.11 lbs (50 g)
Modulation	GFSK
Power	12 μA to 18 μA , 3 V
Anti-collision	100 tags are read simultaneously
Operation	Read only
Battery	4 years
Dimensions	3.37 in \times 2.12 in \times 0.15 in (85.5 mm \times 54 mm \times 4 mm)

ASK AN EXPERT!
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Within North America
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