



RFID Sensor Systems

Sensing, Tracking, and Data Logging

T030 Fully Passive Economy Air Ranger™ Tag

RFID Sensor Systems offers tags, readers, and small systems compliant with EPC Gen2 class 1 international standard. We offer a variety of tags with different mounts and read/write range. Our product line is further enhanced with EPC Gen2 class1 tags providing immediate sensor data and logged sensor data. Most of our tags are available with adhesive backing, Velcro-like backing, magnetic strip backing, and screw-hole mounting options. Our passive tags include industry standard CMOS Gen2 class1 (ISO 18000-6c) integrated circuit ICs.

RFID Sensor Systems is a specialist RFID supplier of Gen2 components and small systems. We invite special inquiries for further customized deliveries.



EPC Gen2 class1/ ISO 18000-6c compatible

Features	
Tag Dimensions:	4.12 x 0.53 in. (10.45 x 1.35 cm)
Frequency	902-928 NA – SA, 920.5-924.5 China, 915-919 South Africa, 920-925 Singapore, 919-923 Malaysia, 920-925 Australia, 865.7-967.6 MHz
Read Range:	Up to 35 feet (10.6 meters) outside (36dBm ERP directional) with standard readers This tag does not operate when mounted on metal
Memory	512 user bits + 96 bit EPC code + 64 bit unique TID + 32 bit access password + 32 bit
800 bits total:	kill password. Preprogrammed with unalterable 64-bit serial number.
RFID protocol Chip:	Alien Higgs3™
Ambient temperature:	-58 to 185 °F (-50 to +85 °C)
Humidity:	Up to 99%
Standard color:	White
Standard Mountings:	Adhesive backing
Attachment options:	none
Compatible Standards:	EPC Gen2 Class 1 /ISO 18000-6c including 6.25, 12.5, 25.0 µs tari
Return data link:	40, 80, 160, 320, 640 KHz



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