

RFID Sensor Systems

Sensing, Tracking, and Data Logging

T040 Fully Passive Economy Rugged Air Ranger™ Tag

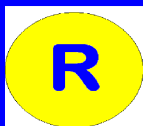
RFID Sensor Systems offers tags, readers, and small systems compliant with EPC Gen2 class 1 international standard. We offer a variety of tags with different mounts and read/write range. Our product line is further enhanced with EPC Gen2 class1 tags providing immediate sensor data and logged sensor data. 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:	4.5 x 0.70 x 0.5 in. (11.43 x 1.77 cm) without special backing
Frequency	902-928 NA – SA, 920.5-924.5 China, 915-919 South Africa, 920-925 Singapore, 919-840-960MHz:
840-960MHz:	923 Malaysia, 920-925 Australia, 865.7-967.6 MHz EU
Read Range:	Up to 35 feet (10.6 meters) outside (36dBm ERP directional outside) with standard readers
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:	Velcro™ like backing and screw mount
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



RFID Sensor Systems
211 Warren Street
Newark, NJ 07103
Phone: 919-901-7088
Fax: 201-781-7112

www.RFIDSensorSystems.com

Copyright © 2011 RFID Sensor Systems. All Rights Reserved.