



Pallet AIO

90 x 10 x 1 mm U8



RAIN UHF RFID Pallet AIO Tag, a cost-effective and versatile solution designed to optimize pallet tracking and inventory management for businesses of all sizes. Made from durable FR-4 material, their robust structure makes them ideal for applications such as industrial equipment monitoring, production and automation processes, and the management and tracking of wooden or plastic pallets, as well as large wooden or plastic containers.

These RFID tags are perfect for large-scale applications where cost and efficiency are paramount. Whether you're managing a bustling warehouse or overseeing a complex logistics network, the UHF RFID Pallet Tag offers the ideal balance of performance and affordability.

Highlights & Benefits

- ✓ Outstanding performance
- ✓ Durable PCB construction for long term usage
- ✓ Multiple mounting options for installation
- ✓ ETSI(865-868 MHz) and FCC(902-928 MHz) optional
- ✓ Customization-design, printing, encoding available

Applications

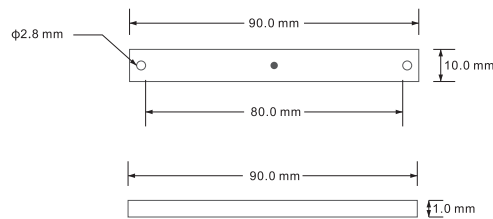
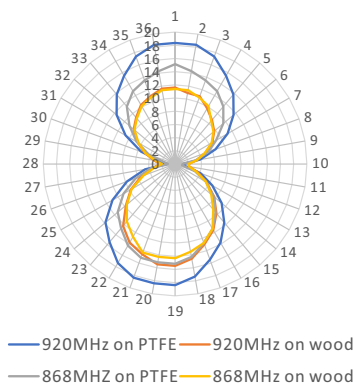
- ✓ Pallet
- ✓ Turnover box
- ✓ Furniture



Technical Features

Model	RCT10003
RFID Features	
Air Interface Protocol	EPC Class 1 Gen 2 / ISO 18000-63 Type C
Frequency	860-960 MHz
Chip Type	NXP Ucode 8
Memory	User - N/A; EPC - 128 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Read Range(2W ERP)	FCC: > 18.4 m(60.4 ft) , on PTFE; 11.6 m(38.1 ft), on wood ETSI: > 15.0 m(49.2 ft) , on PTFE; 11.3 m(37.1 ft), on wood
Physical Features	
Dimension	90 x 10 x 1 mm / 3.54 x 0.40 x 0.04 in
Material	FR-4
Weight	1.8 g
Color	Black
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Survival Temperature	-40°C to 150°C / -40°F to 302°F
Storage Condition	20±5°C, 50±10% RH, Store away from sunlight
IP Rate	IP68, test for 5 hours at 1m deep water
Other Features	
Installation	Adhesive(clean and dry surface), Rivet, Magnet, Screw
Customization	Printing, Encoding, Design, etc.
Package	500 pcs / bag, 10 bags / box

Radiation Pattern



PS: The performance is theoretical values in the lab and the actual effect depends on the specific applications.

RICHRFID

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