



Product Overview

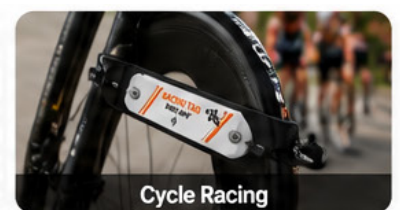
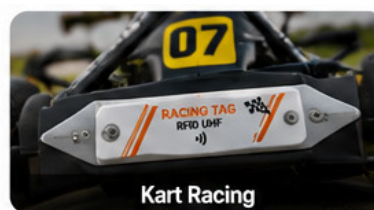
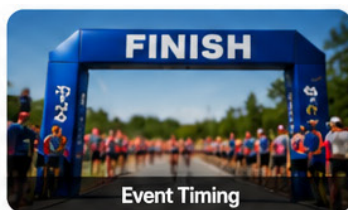
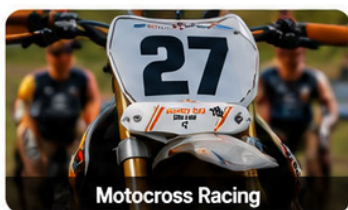
OR-RCE-Tag is a high-performance passive UHF RFID racing tag designed for accurate participant identification and timing in running, cycling, marathon, triathlon, motorsport, and other competitive events. The lightweight, flexible tag delivers reliable long-range performance while supporting high-speed tag detection and simultaneous multi-tag reading. It is compatible with EPC Gen2 / ISO 18000-63 compliant RFID reader

Technical Specifications

Item	Specification
Frequency	860–960 MHz
RFID Protocol	EPC Class 1 Gen2v2
Standard	ISO/IEC 18000-63
Chip	IMPINJ M7/ NXP ucode 8/ Higgs9
EPC Memory	96–496 bits
User Memory	According to chip
TID Memory	According to chip
Read Range	Up to 12 m (reader dependent)
IC Retention	50 Years
Write Cycles	100,000



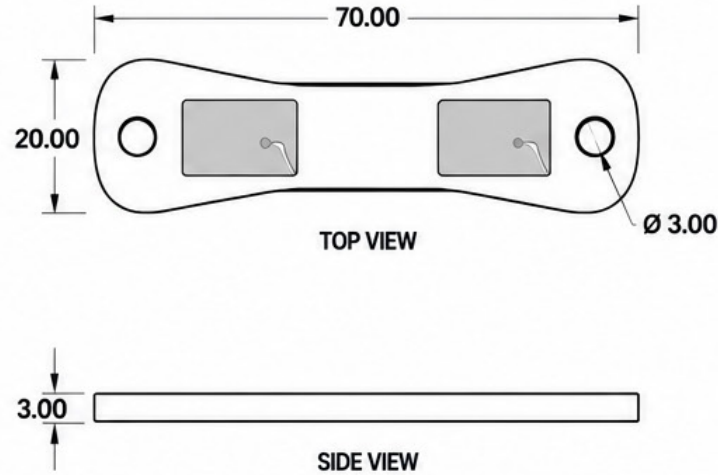
Applications :





Physical Specifications

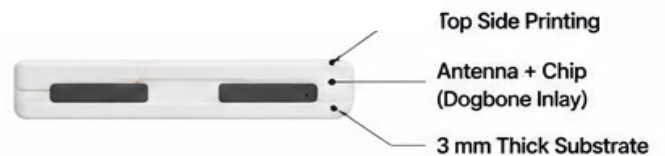
Item	Specification
Label Size	70 x 20 x 3 mm
Face Material	PET/ Foam
Adhesive	Acyclic Adhesive
Liner	Glossiness
Thickness	3 mm
Color	WHITE
Printing	THERMAL /UV based



Environmental Characteristics

Item	Value
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Humidity	5–95% RH
IP Rating	IP67

Layers :



Packaging

Item	Specification
Tag/Roll	100 Tag /PKT
Carton Qty	Custom

