

# RF900

ARM YOUR PM90 WITH  
THE MOST PRODUCTIVE  
UHF RFID READER



Retail



Industrial Production  
Process Control



Logistics /  
Warehouse Management



Medical / Pharmacy

## Specifications

### PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	
Standard	84.3 mm W x 166.3 L x 140.6 mm H
<b>Weight</b>	463.5g with standard battery (only RF900)
<b>Power</b>	
Battery	3,250 mAh 3.6V Li-ion, removable
<b>Buttons</b>	Trigger, Power, Trigger Mode, Connection Mode
<b>Standard Communications</b>	USB interface
<b>Power Supply</b>	5V/2A adaptor
<b>Notification</b>	Charging LED, Status LED, Connect-Mode, Trigger-Mode LED, Vibration

### PERFORMANCE CHARACTERISTICS

<b>Supported Protocol Standards</b>	EPC Global UHF Class 1 Gen 2 V2 / ISO 18000-6C
<b>RFID Engine</b>	Impinj® Indy® R2000

**Nominal Read Range** 6m+ (19.69ft+)

**Fastest Read Rate** up to 900 tags per second

**Frequency / RF Output**  
EU: 865MHz ~ 868MHz  
= <30dBm (± 0.3dBm)  
US: 902MHz ~ 928MHz  
= <30dBm (± 0.3dBm)

**Memory**  
RAM 160KB  
ROM 1MB

### USER ENVIRONMENT

**Operating Temperature** -10°C to 50°C

**Storage Temperature** -40°C to 70°C

**Drop** 1.5m to concrete

**Rain / Dust Proof (Sealing)** IP54

### WIRELESS

**Bluetooth** Bluetooth Ver. 4.2 BR/EDR/BLE

**NFC** Tap-to-Pair

### ACCESSORIES

#### Standard Accessories



#### Optional Accessories

