

# RF900

ARM YOUR PM90 WITH  
THE MOST PRODUCTIVE  
UHF RFID READER



Retail



Industrial Production  
Process Control



Logistics /  
Warehouse Management



Medical / Pharmacy

## Specifications

### PHYSICAL CHARACTERISTICS

#### Dimensions

Standard 84.3 mm W x 166.3 L x 140.6 mm H

**Weight** 463.5g with standard battery (only RF900)

#### Power

Battery 3,250 mAh 3.6V Li-ion, removable

#### Buttons

Trigger, Power, Trigger Mode, Connection Mode

#### Standard Communications

USB interface

#### Power Supply

5V/2A adaptor

#### Notification

Charging LED, Status LED, Connect-Mode, Trigger-Mode LED, Vibration

### PERFORMANCE CHARACTERISTICS

#### Supported Protocol Standards

EPC Global UHF Class 1 Gen 2 V2 / ISO 18000-6C

#### RFID Engine

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

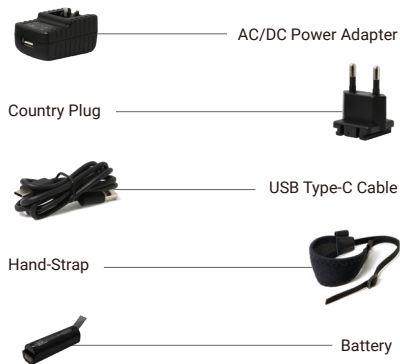
### WIRELESS

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

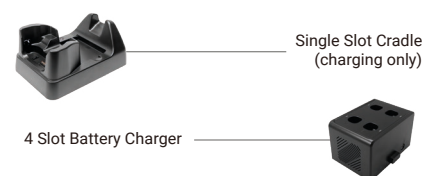
**NFC** Tap-to-Pair

### ACCESSORIES

#### Standard Accessories



#### Optional Accessories



**Corporate Headquarters**  
Point Mobile Co., Ltd.  
pm\_sales1@pointmobile.com  
+82 2 3397 7870

**NA Headquarters**  
Point Mobile Americas LLC  
info@pointmobileamericas.com  
+1 425 780 4452

**Europe Headquarters**  
Point Mobile Europe GmbH  
info.pmeg@pointmobile.com  
+49 6196 777 3666

**China Headquarters**  
Point Mobile China  
info@pointmobile.com.cn  
+86 755 8869 1169

For more information, visit [www.pointmobile.com](http://www.pointmobile.com)

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