

# RF300

GAIN FULL WORKFLOW  
TRANSPARENCY WITH  
UHF TECHNOLOGY -  
MADE FOR PM30



Retail



Industrial Production  
Process Control



Logistics /  
Warehouse Management



Medical / Pharmacy

## Specifications

### PHYSICAL CHARACTERISTICS

#### Dimensions

Standard 76.2 mm W x 130.9 L x 147.6 mm H

**Weight** 392g with standard battery (only RF300)

#### 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 18000-63

**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 160 KB  
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

