

RF851

**HIGH-PERFORMANCE UHF RFID FOR PM85
MADE FOR WORK EFFICIENCY**



Retail



Industrial Production
Process Control



Logistics /
Warehouse Management



Medical / Pharmacy

Specifications

PHYSICAL CHARACTERISTICS

Dimensions

Standard 81.3mm W x 153.8 mm L x 142.2mm H

Weight 364g (only RF851)

Power

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

Buttons Trigger, Power, Trigger Mode, Connection Mode

Standard Communications USB Type C, USB to Serial Communication

Power Supply 5V/1.3A via Pogo-Pin of PM85 or 5V/2A Adaptor

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

PERFORMANCE CHARACTERISTICS

Supported Protocol Standards

EPC Global UHF Class 1 Gen 2 V2 / ISO 18000-63

RFID Engine Impinj® Indy® R2000

Nominal Read Range 8m+ (26.25ft+)

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 128KB
ROM 1MB

USER ENVIRONMENT

Operating Temperature -10°C to 50°C

Storage Temperature -40°C to 70°C

Drop 1.5m to concrete

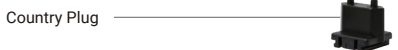
Rain / Dust Proof (Sealing) IP52

WIRELESS

Bluetooth Bluetooth Ver. 4.2 BR/EDR/BLE

ACCESSORIES

Standard Accessories



Optional Accessories



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