POINT Mobile

RF851

HIGH-PERFORMANCE UHF RFID FOR PM85
MADE FOR WORK EFFICIENCY

android

| Retail | Industrial Production Process Control | Logistics / Warehouse Management | Medical / Pharmacy |

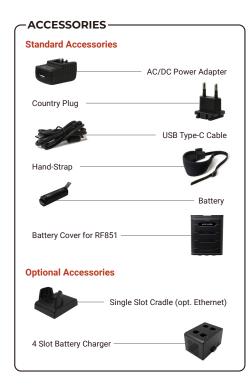# Specifications

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 — 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 — 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

- AC/DC Power Adapter
- Country Plug
- USB Type-C Cable
- Hand-Strap
- Battery
- Battery Cover for RF851

Optional Accessories

- Single Slot Cradle (opt. Ethernet)
- 4 Slot Battery Charger

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