

RF88

**POWER YOUR BUSINESS
WITH UNMATCHED SPEED
AND COMPATIBILITY**



Retail



Medical /
Pharmacy



Industrial Production
Process Control



Logistics /
Warehouse
Management



Tap-to-Pair

Slim antenna

Replaceable
battery

Specifications

PHYSICAL CHARACTERISTICS

Dimensions	56.8 x 148.6 x 149.4 mm 2.2 x 5.9 x 5.9 in.
Weight	≤ 430g
Battery	6,800 mAh 3.65 V Li-ion, removable
Buttons	Two triggers programmable to either scanner or RFID modes, power, P1, reset
Standard communications	Serial (UART TTL), 921 Kbps USB to serial communication
Notification	Three LEDs (Battery status, Bluetooth, Batch mode), Beep, Vibration

PERFORMANCE CHARACTERISTICS

Supported protocol standards	EPC Global Gen 2 / ISO 18000-6C
RFID engine	Impinj E710
Nominal read range	10 m+ (32.8 ft.+)
Fastest read rate	1,300+ tags per second
Frequency	900 MHz

RF output	Max 30 dBm (1 Watt)
Processor	32-bit ARM® Cortex®-M4RISC 120 MHz
Memory	RAM 128 KB ROM 16 MB storage, 1 MB (PGM)

USER ENVIRONMENT

Operating temperature	-20 °C to 50 °C -4 °F to 122 °F
Storage temperature	-40 °C to 70 °C -40 °F to 158 °F
Drop	1.5 m multiple drops to concrete
Rain / Dust proof (Sealing)	IP54

WIRELESS

Bluetooth	Bluetooth Class 1 & 2, Ver. 5.1, BLE supporting SPP, HDI, SDAP profiles
NFC	Tap-to-Pair

Accessories



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