



# Specification

## Physical Characteristics

<b>Dimensions</b>	282x117.5x32mm / 11.10x4.63x1.26in
<b>Weight</b>	334g/11.78oz (with battery)
<b>Colour</b>	White
<b>Appearance material</b>	Plastic
<b>Keypad</b>	PWR button (side), up, down, return, ok, SCAN button (front)
<b>Power</b>	Battery specification: 5200mAh
	Standby: over 70 hours (keeping bluetooth connected)
	Continuous use: up to 6 hours (UHF reading)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
<b>Display</b>	1.77 inch, 128X160
<b>Indicator LED</b>	Power, Work, Bluetooth
<b>buzzer</b>	Support
<b>Interfaces</b>	Micro-USB

## Performance

<b>MCU</b>	Cortex-M3
	72MHz
<b>Storage</b>	50000 tags

## User Environment

<b>Operating Temp.</b>	-20°C~+50°C
<b>Storage Temp.</b>	-40°C~+70°C
<b>Humidity</b>	5%RH - 95%RH non condensing
<b>Drop Specification</b>	Multiple 1.5m/4.9ft drops to concrete across the operating temperature range
<b>Tumble Specification</b>	1000 x 0.5m/1.64ft falls at room temperature
<b>ESD</b>	±15KV air discharge, ±8KV conductive discharge

## Developing Environment

<b>SDK</b>	Android / IOS
<b>Tool</b>	Android Studio / Xcode
<b>Language</b>	Java / Objective-C

## Communication

<b>Bluetooth</b>	Bluetooth 4.0, BLE
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## Data Collection

### Barcode Scanning (Optional)

<b>2D Imager Scanner</b>	SE2707
<b>1D Symbologies</b>	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D Symbologies</b>	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

## UHF

<b>Engine</b>	CM2000-1 module based on Impinj Indy R2000
<b>Antenna</b>	Linear Polarized antenna (4dBi)
<b>Frequency</b>	920-925MHz/902-928MHz/865-868MHz
<b>Protocol</b>	EPC C1 GEN2 / ISO18000-6C
<b>Module power</b>	1W (30dBm, support +5~+30dBm adjustable)
	2W Optional (33dBm, for Latin America, etc.)
<b>R/W range</b>	>28m(indoors);>15m(open outdoors, Impinj MR6 tag)
<b>Fastest Read Rate</b>	900+ tags/sec

\* Ranges and rates depend on tags and environment

## Accessories (See details in Accessory Guide)



AC Adapter



USB cable

Notice: Product specifications are subject to change without prior notice. © el:p ate Date: 2020-08-28



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