

UniSled



RFID
UHF



**Connect your PDA or
smartphone to UniSled**

Android

iOS

Windows



5200 mAh removable battery



40°C ~+70°C
5% RH ~95°RH non condensing
Multiple falls 0.5m



RFID UHF
Option : 1D/2D



Option : HID or SPP mode

V5.0
Non-contractual datasheet

General specifications

Dimensions / weight	143x76x135 mm / 469g
Color	Black
Battery specification	5200mAh 4.35V; 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)
Interfaces	USB Type-C
Buzzer	1 support
Indicator light	3: Power, work, Bluetooth
Product material	Plastic
Size of adapted phone	Width 68~80 mm, thickness ≤ 10 mm

Performance

MCU	Cortex-M3, 72MHz
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Communication

Bluetooth	Bluetooth 4.0, BLE
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User environment

Operating Temp.	-20°C~+50°C
Storage Temp.	-40°C~+70°C
Humidity	5%RH - 95%RH non condensing
Tumble Specification	1000 x 0.5m/1.64ft falls at room temperature
ESD	±15KV air discharge, ±8KV conductive discharge

Data collection

UHF

Engine	Based on Impinj Indy R2000
Antenna parameter	Circularly polarized antenna (3dBic)
Frequency	920-925MHz/902-928MHz/865-868MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Power	1W (30dBm, support +5~+30dBm adjustable)
Read range	>22m(indoors);>8m(open outdoors)
Reading rate	>200 tags/s

Barcode Scanning (option)

2D Imager Scanner	SE2707
Frequency 1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	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.

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