



N350 Swing UHF Gen 2 RFID, 1D/2D Barcode Scanner



www.nephsystem.com

Overview:

NephSystem's N350 Swing is a handheld data collection terminal that has built-in 860-960MHz UHF Gen2 RFID engine, it uses Bluetooth (4.0 BLE) to transmit data with any Bluetooth enabled hosts such as a PC, laptop, iPhone, iPad, Android smartphones, Tablets, Apple Mac, etc. The internal RFID engine features superior UHF Gen 2 RFID reading and writing operations (powered by Impinj Indy R2000 chip), fully compliant with ISO 18000-6C/EPC 860MHz ~ 960 MHz UHF C1G2 protocol. Scanned RFID data could be stored onto its large internal memory (up to 50,000 groups of data). It also integrates optional high performance 1D/2D Barcode scanner (Model N350B) making itself a perfect add-on handheld device for Logistics System Management, Medical Treatment, Digital Warehouse Management, Assets Management, inventory management etc.

Main Features:

- ❖ All in one rugged design, water / dust proof
- ❖ 860MHz ~ 960MHz EPC C1-G2 ISO18000-6C UHF RFID compliant
- ❖ Superior UHF RFID reading and writing
- ❖ Bluetooth 4.0 BLE communication
- ❖ Optional 1D/2D high performance Barcode scanner
- ❖ Battery powered
- ❖ iPhone/iPad/Android smartphone compatibility
- ❖ Internal high capacity memory, stores up to 50,000 tag data
- ❖ Free SDK for iOS / Android / Windows



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Specifications:

Frequency Range	860 to 960MHz (ETSI or FCC part 15); Global 920-925MHz/902-928MHz/865-868MHz
LED Screen	1.77 inch, 128X160
Antenna	Linear Polarized antenna (4dBi)
RFID Transponder Compatibility	EPC Gen 2 UHF RFID
Connectivity	Bluetooth 4.0, BLE
Reading Distance (Tag Dependent)	>20 meters (indoors);>12 meters (open outdoors)
RF Power	Max 30dBm, software adjustable
Reading Rate	>200tags/s
Reader Indicators	LED and Buzzer
Barcode Scanner	Optional 1D / 2D Scanner
Data Storage	Up to 50,000 groups
Material	Engineer Plastic
Power	Battery Specification: 5200mAh 4.35V Standby: over 70 hours Up to 6 hours of continuous usage (UHF scanning) Charging time: 3-4 hours
Operating Temperature	-20 degrees to 60 degrees
Storage Temperature	-40 degrees to 70 degrees
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.5m / 4.9ft drops (at least 20 times) to concrete
ESD	±15KV air discharge, ±8KV conductive discharge
Dimensions	282 x 117.5 x 32mm / 11.10 x 4.63 x 1.26in
Weight	334g / 11.78oz (with battery)



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