

# NLS-BS80-HC

## Pocket Bluetooth Barcode Scanner



### Features

#### ■ Disinfectant-ready Enclosure

The NLS-BS80-HC in a housing created with nSHIELD™\*Antimicrobial agent, features a disinfectant-ready enclosure purpose-built to resist the harmful effects of harsh cleaning agents commonly used in healthcare environments and minimize the spread of infectious diseases.

#### ■ Long Battery Life

Along with Bluetooth 4.0 low energy support, the high capacity Li-ion battery in the scanner provides up to 6 hours of continuous use per charge.

#### ■ Highly Visible Laser Aimer

The scan engine provides a laser-generated crosshair aiming pattern that is clear and bright even in bright sunlight, ensuring first time accurate aim.

### Application Scenarios

Patient identification, medication administration, blood product administration, specimen track and trace, medication tracking, inventory management, etc.

#### ■ Bluetooth Communication

The NLS-BS80-HC equipped with Bluetooth 4.0 Class 1 technology enjoys enhanced data rate, five times faster than regular Bluetooth.

#### ■ iOS & Android Compatible

Supporting both iOS and Android operating systems, the NLS-BS80-HC outperforms its competitors at compatibility.

#### ■ Industrial-grade Durability

This rugged IP42-sealed barcode scanner can withstand multiple 1.2m drops to concrete.

#### ■ Easy to Use, Easy to Carry

The NLS-BS80-HC sports stylish looks, a compact size and foolproof operation with merely three buttons requiring virtually no training.

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## Pocket Bluetooth Barcode Scanner

<b>Performance</b>	Image Sensor	752×480 CMOS	
	Symbologies	2D: PDF417, QR Code, Data Matrix, Chinese Sensible Code. 1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, ISSN, Interleaved 2 of 5, ISBN, Code 93, UCC/EAN-128, GS1 Databar, AIM-128, ITF-14, ITF-6, Matrix 2 of 5, Industrial 2 of 5, Standard 25, Code 11, Plessey, MSI-Plessey.	
	Resolution	≥5mil	
	Typical Depth of Field	EAN-13 (13mil)	65mm-295mm
		Code 39 (5mil)	55mm-165mm
		Data Matrix (10mil)	65mm-140mm
		QR Code (15mil)	45mm-175mm
		PDF417 (6.7mil)	65mm-135mm
	Scan Angle	Pitch: ±50°; Roll: 360°; Skew: ±50°	
	Min. Symbol Contrast	30%	
	Interface	Micro USB, Bluetooth HID/SPP/BLE profiles	
	Bluetooth Transmission Range	50m (open space)	
	Wireless Standards	2.4 - 2.5GHz ISM band, compatible with Bluetooth 4.0/3.0/2.1+EDR	
	Memory Capacity	1MB (capable of storing the data of over 20,000 EAN-13 barcodes)	
<b>Mechanical/ Electrical</b>	Dimensions	88.0(L)×46.0(W)×24.5(H)mm	
	Weight	62g	
	Notification	Beep, LED and vibration	
	Battery	3.7V 900mAh rechargeable Li-ion battery	
	Expected Battery Life	6 hours of continuous operation (Synchronous mode, scan and send data once per 6s)	
	Expected Charge Time	3.5 hours	
	Current	Operating Current: 125mA (Bluetooth is on) Standby Current: 12mA	
<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°F)	
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)	
	Humidity	5%~95% (non-condensing)	
	ESD	±8 KV (Contact discharge); ±15 KV (Air discharge)	
	Drop	1.2m	
	Sealing	IP42	
	Approved Cleaners	Disinfectant Ready. Refer to the user guide for the list of approved cleaners.	
<b>Certifications</b>	FCC Part15 Class B, CE EMC Class B, RoHS		

\*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

\*\*Test conditions: Scan Distance=(min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp  
2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specification are subject to change without notice

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