

NLS-BS80


Pocket Bluetooth Barcode Scanner

- ◆ NLDC Core Technology
- ◆ Bluetooth Communication
- ◆ Long Battery Life
- ◆ iOS & Android Compatible
- ◆ Highly Visible Laser Aimer
- ◆ Easy to Use, Easy to Carry
- ◆ Industrial-grade Durability



Features

■ NLDC Core Technology

Armed with Newland's  technology, the scanner can read 1D & 2D barcodes printed on paper or displayed on a screen with ease.

■ Long Battery Life

Along with Bluetooth 4.0 low energy support, the high capacity Li-ion battery in the scanner provides up to 11 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.

■ Bluetooth Communication

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

Application Scenarios

O2O applications: Barcode-enabled mobile payments, e-coupons/e-vouchers, etc.

Traditional applications: Store visits, retail store management, mobile clinics, distributor management, etc.

Pocket Bluetooth Barcode Scanner

		NLS-BS80-1D	NLS-BS80-2D	
Performance	Image Sensor	2500 Linear Imager		
	Symbologies	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, etc.	2D: PDF417, QR Code, Data Matrix, etc. 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, etc.	
	Resolution	≥5mil		
	Typical Depth of Field	Code 39	105mm-175mm (5mil)	EAN-13 65mm-295mm (13mil)
		Code 128	60mm-340mm (10mil)	Code 39 55mm-165mm (5mil)
		EAN-13	55mm-410mm (13mil)	Data Matrix 65mm-140mm (10mil)
				QR Code 45mm-175mm (15mil)
				PDF 417 65mm-135mm (6.67mil)
	Scan Angle	Pitch: ±55°; Roll: ±25°; Skew: ±75°		Pitch: ±50°; Roll: 360°; Skew: ±60°
	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)			
Mechanical/	Dimensions	88.0(L)×46.0(W)×24.5(H)mm		
	Electrical	Weight	62g	
Notification		Sound, LED and vibration		
Battery	3.7V 900mA rechargeable Li-ion battery			
Expected Battery Life	11 hours of continuous operation (Synchronous mode, scan and send data once per 6s)	6 hours of continuous operation (Synchronous mode, scan and send data once per 6s)		
Expected Charge Time	3.5 hours			
Power Adapter (optional)	Output: DC 5V, 500mA	Input: AC100 ~ 240V, 50~60Hz		
Current	Operating Current: 75mA (Bluetooth is on) Sleep Current: 5mA	Operating Current: 260mA (Bluetooth is on) Standby Current: 10mA		
Environmental	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		
Certifications	FCC Part15 Class B, CE EMC Class B			

Specifications are subject to change without notice.

Version: V2.1

Newland China
+86-400-608-0591
marketing@nlscan.com

Newland Europe
+31(0)-345-87-0033
info@newland-id.com

Newland Taiwan
+886-2-7731-5388
info@newland-id.com.tw

Newland North America
+1-510-490-3888
info@newlandna.com