


NLS-BS80

Pocket Bluetooth Barcode Scanner



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.

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		NLS-BS8060-3V	NLS-BS8060-2V/ 2T	
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 (5mil)	105mm-175mm	EAN-13 (13mil) 65mm-295mm/ 60mm-380mm
		Code 128 (10mil)	60mm-340mm	Code 39 (5mil) 55mm-165mm/ 60mm-190mm
		EAN-13 (13mil)	55mm-410mm	Data Matrix (10mil) 65mm-140mm/ 85mm-140mm
				QR Code (15mil) 45mm-175mm/ 40mm-190mm
			PDF417 (6.7mil) 65mm-135mm/ 85mm-150mm	
	Scan Angle	Pitch: ±55°; Roll: ±25°; Skew: ±75°	BS8060-2V: Pitch: ±50°; Roll: 360°; Skew: ±50° BS8060-2T: Pitch: ±55°; Roll: 360°; Skew: ±55°	
	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 900mAh 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: AC 100 ~ 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 Part 15 Class B, CE EMC Class B, ROHS			

Specifications are subject to change without notice.

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Newland Headquarter

Add: NO.1 Rujiang West Rd.,
Mawei, Fuzhou, Fujian 350015, China
Tel: +86 591 8397 9500
Email: info@nlscan.com
Web: www.newlandaidc.com

Newland APAC

Taiwan Tel: +886 2 7731 5388
Taiwan Email: info@newland-id.com.tw
Web: www.newland-id.com.tw
Japan Tel: +886 2 7731 5388 ext. 71
Korea Tel: +82 10 8990 4838
India Tel: +91 120 7964266
Japan/Korea/India Email: info@nlscan.com

Newland NALA

North America Tel: +1 510 490 3888
North America Email: info@nlscan.com
Latin America Tel: +1 239 598 0068
Latin America Email: info@newlandla.com
Web: www.newlandamerica.com

Newland EMEA

Tel: +31 (0) 345 87 00 33
Email: sales@newland-id.com
Tech Support: tech-support@newland-id.com
Web: www.newland-id.com

