



NLS-BS10

WIRELESS 2D RING SCANNER

FEATURES

- Convenient communication**

With the click of a button, the BS10R pairs to your preferred device via Bluetooth 4.1 wireless technology. Whether your system runs on Windows, Android or iOS and whether you use a tablet, a smartphone, a computer or another Newland device, connecting the ring scanner is always easy. It provides freedom of movement up to 30 meters from the host and can be used in USB HID Keyboard and SPP connection modes.
- Large storage capacity**

Not all operations require instant feedback from a connected device, or allow you to carry such a device with you. For those situations, the BS10R is equipped with 16MB of storage, which holds the data of up to 50k barcodes until you are able to move it to your system of choice.
- Full-shift battery life**

The BS10R battery comfortably lasts a minimum of 8 hours, even when your operations require a constant Bluetooth connection and intensive scanning. In standby mode, the device will last an impressive 30 days.
- Scan hands-free**

The BS10R is capable of reading a wide range of 1D and 2D barcodes with outstanding performance. With a 360° turning radius, it was designed to fit comfortably on your left or right hand without getting in the way of daily tasks, like carrying boxes. Its trigger button is positioned to be easy to operate with one hand and a built-in buzzer and LED gives instant feedback on each scan.



CMOS



1D Barcode



2D Barcode



Drop



USB



Bluetooth

NLS-BS10

Performance

Image Sensor		640x480 CMOS
Illumination		White LED
Aiming		Red LED (650 nm±10 nm)
Memory RAM		16MB
Symbologies	2D	PDF417, Data Matrix (ECC200,ECC000,050,080,100,140), QR Code
	ID	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GSI Databar Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey

Physical

Interface	USB
Battery Type	380mA rechargeable Li-ion battery
Expected Battery Life	more than 8 hours under normal temperature (5 second/scan)
Expected Charge Time	<2 hours
Notifications	LED light, Buzzer, Vibration (Optional)
Input Voltage	5V/1A
Current @ 5VDC Operating	170 mA
Current @ 5VDC Standby	30 mA
Power Supply Input	AC110 ~ 220V, 50-60Hz
Power Supply Output	DC 5V 1A

Wireless

Radio Technology	Bluetooth 4.1
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Environmental

Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 60°C
Humidity	5% to 95% (non-condensing)
ESD	In line with 15KV air discharge and 8KV contact discharge requirements
Drop	1.5m

Specifications are subject to change without notice.

Version: V1.1

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