



**BS10R Sepia**  
handheld scanners

## Features

### Scan hands-free.

The BS10R Sepia 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.

### Convenient communication.

With the click of a button, the BS10R Sepia 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 Sepia 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 Sepia 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.

### Small but strong.

Built to withstand 1.5 meter drops to concrete and bumps on metal surfaces, the BS10R Sepia is reliable, even in semi-rough operational environments.

## Application Scenarios



industrial



inventory



logistics



warehousing

# BS10R Sepia technical specifications

Performance	Memory RAM	16MB
	Image Sensor	640x480 CMOS
	Illumination	White LED
	Aiming	Red LED (650 nm±10 nm)
Data capture	1D	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, GS1 Databar Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey
	2D	PDF417, Data Matrix (ECC200,ECC000,050,080,100,140), QR Code
Physical	Interfaces	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
Environmental	Operating Temperature	0°C to 40°C
	Storage Temperature	-40°C to 60°C
	Humidity	5% to 95%
	Electro Static Discharge (ESD)	In line with 15KV air discharge and 8KV contact discharge requirements
	Drop	1.5m
Wireless	WPAN Radio	Bluetooth 4.1