

BS8050-3V Piranha

Pocket Bluetooth Barcode Scanner (1D)



Features

- ◆ **Snappy scanning from paper and screen**
Armed with Newland's NLDC technology, the scanner can read 1D barcodes printed on paper or displayed on a screen with ease.
- ◆ **Compact and light**
With dimensions of 88 x 46 x 24.5mm the BS80 Piranha is small enough to fit into a pocket and light enough to carry around all day, providing the convenience of always having a scanner at your fingertips.
- ◆ **Long Battery Life**
Along with Bluetooth 4.0 low energy support, the high capacity Li-ion battery in the scanner provides up to 12 hours of continuous use per charge.
- ◆ **Bluetooth Communication**
The Piranha 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 BS80 Piranha outperforms its competitors at compatibility.
- ◆ **Industrial-grade Durability**
This rugged IP42-sealed barcode scanner can withstand multiple 1.2m drops to concrete.

Application Scenarios

O2O (Online2Offline) 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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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.	
	Resolution	≥5mil	
	Typical Depth of Field	Code 39: 65mm-285mm(10mil)	
		Code 39: 50mm-400mm(15mil)	
	Scan Angle	Pitch: ±55°; Roll: ±25°; Skew: ±75°	
	Min. Symbol Contrast	30%	
	Interface	Micro USB, Bluetooth HID/SPP 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	12 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	
Environmental	Operating Temperature	-20°C~50°C	
	Storage Temperature	-40°C~80°C	
	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.

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