



BS8060 Piranha

General Purpose Handheld Scanners

					
1.2m drop	1D & 2D	Bluetooth 4.1	Chip	CMOS	IP42
					
Laser aimer	USB	Warranty 2 Years			



Features

Superior reading performance.

The BS80 Piranha is offered in 2 versions, containing a 1D or a 1D+2D barcode scanning engine. Both of these engines read virtually any barcode from paper or screen. The 2D device has been equipped with a laser aimer with a red cross to make barcode reading easier and faster.

Easy Bluetooth pairing.

Via Bluetooth 4.0 Class 1 wireless technology, the BS80 Piranha can be paired with any Android, iOS or Windows device five times faster than regular Bluetooth.

Can be used anywhere, anytime.

The BS80 Piranha is small enough to fit into your pocket and light enough to carry around all day, providing you with the convenience of always having a scanner at your fingertips.

Convenient communication.

Use the interface that suits your application best. The BS80 Piranha gives you the flexibility to choose your preferred communication method with options like HID keyboard and Virtual COM.

Hassle-free battery capacity.

The high capacity Li-ion battery in the scanner provides up to 11 hours of continuous use per charge, allowing you to work hassle-free all day. Charging and communication cradle available (optional).

Application scenarios.

Mobile payments, e-coupons/e-vouchers, retail store management, inventory management, distributor management and more.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

BS8060 Piranha

Data Capture

1D	All major 1D symbologies, including Code 128, UCC/EAN-128, AIM 128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 25, ITF-6, ITF-14, Deutsche 14, Deutsche 12, COOP 25, Matrix 25, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix.
Depth of Field Code 39 (5mil)	60 mm - 190 mm
Depth of Field DataMatrix (10mil)	85 mm - 140 mm

Depth of Field EAN 13 (13mil)	60 mm - 380 mm
Depth of Field PDF417 (6.67mil)	85 mm - 150 mm
Depth of Field QR (15mil)	40 mm - 190 mm
Illumination	Red LED (612nm-624nm)
Image Sensor	752 x 480 CMOS
Minimal Print Contrast	30%
Scan Angle Pitch	±55°
Scan Angle Roll	360°
Scan Angle Skew	±55°

Performance

Memory Flash	1MB
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Physical

Battery Type	3.7 V, 900 mA, Rechargeable Li-ion battery
Buttons	SCAN, Delete, Function
Current @ 5VDC Operating	260 mA (Bluetooth is on)
Current @ 5VDC Standby	10 mA
Dimensions	88(W) × 46(D) × 24.5(H) mm
Expected Battery Life	6 hours of continuous operation
Expected Charge Time	3.5 hours
Housing	ABS, PMMA
Input Voltage	5 VDC ±5%
Interfaces	Micro USB
Notifications	Beep, LED, Vibration
Weight	62 g

Wireless

Radio Technology	2.4 - 2.5 GHz ISM band, compatible with Bluetooth 4.0/3.0/2.1+EDR
Wireless Distance (max.)	50 m (open space)

Environmental

Drop	1.2 m
Electro Static Discharge (ESD)	±8 kV (air discharge), ±15 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP42
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Certifications

Certifications Hardware	CE EMC Class B, FCC Part 15 Class B, RoHS, KC
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Warranty

Warranty Standard	2 Years
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Newland AIDC EMEA

Feel free to contact us or a partner near you.
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