



**BS8060 Piranha**  
handheld scanners

## Features

### Superior reading performance.

The BS8060 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 BS8060 can be paired with any Android, iOS or Windows device five times faster than regular Bluetooth.

### Can be used anywhere, anytime.

The BS8060 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 BS8060 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.



## Application Scenarios



inventory



logistics



ticketing



transportation



warehousing

# BS8060 Piranha technical specifications

Performance	Memory Flash	1MB
	Image Sensor	CMOS 752*480
	Illumination	612nm-624nm red LED
	Aiming	650nm laser diode
	Depth of Field EAN13 (13mil)	60-380mm
	Depth of Field CODE 39 (5mil)	60-190mm
	Depth of Field PDF417 (6.67mil)	85-150mm
	Depth of Field Data Matrix (10mil)	85-140mm
	Depth of Field QR (15mil)	40-190mm
	Minimal Print Contrast	20%
	Scan Angle Roll	360°
	Scan Angle Pitch	±55°
	Scan Angle Skew	±55°
	Field of View Horizontal	36°
	Field of View Vertical	23°
	Scan Modes	Trigger
	Scan Rate	60 frames per second
Data capture	1D	Code 128, UCC/EAN-128, AIM 128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 25, ITF16, Deutsche 14, Deutsche 12, COOP 25, Matrix 25, Industrial 25, Standard 25, Code 39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar.
	2D	PDF417, QR Code, Data Matrix, etc.
Physical	Dimensions (mm)	88.0(L)×46.0(W)×24.5(H)mm
	Weight	62g
	Material	PMMA, ABS
	Buttons	SCAN,Delete,Function
	Interfaces	Micro USB, Bluetooth HID/SPP/BLE profiles
	Battery Type	3.7V 900mA rechargeable Li-ion battery
	Expected Battery Life	6 hours of continuous operation
	Expected Charge Time	3.5 hours 3.5 hours
	Notifications	Sound, LED and vibration
	Input Voltage	5VDC±5%
	Current @ 5VDC	260mA (Bluetooth is on)
	Operating Current @ 5VDC Standby	10mA
	Power Supply Input	DC 5V, 500mA
	Power Supply Output	AC100 ~ 240V, 50~60Hz
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)
	Electro Static Discharge (ESD)	±8 KV (direct discharge); ±15 KV (air discharge)
	Drop	1.2m
	Sealing	IP42
Wireless	WPAN Radio	2.4 - 2.5GHz ISM band, compatible with Bluetooth 4.0/3.0/2.1+EDR
	Communication Distance	50m (open space)
Certifications	Certifications	FCC Part15 Class B, CE EMC Class B,RoHS,KC
Warranty	Warranty	2 years

## Newland EMEA HQ

+31 (0) 345 87 00 33

[info@newland-id.com](mailto:info@newland-id.com)

[newland-id.com](http://newland-id.com)

Feel free to contact us or a partner near you  
visit [newland-id.com/partners](http://newland-id.com/partners)

© Newland EMEA 2019, all rights reserved