



**B580 Piranha II
2D
Handheld Scanner**

Features

Superior Reading Performance

The B580 Piranha II is offered in 2 versions, containing a 2D or a 3D+2D barcode scanning engine. Both of these engines read virtually any barcode from paper or screen. The 2D version has been equipped with a laser direct with a red cross to make barcode reading easier and faster.

Easy Bluetooth Pairing

With Bluetooth 4.0 wireless technology, the B580 Piranha II enables effortless pairing to any Android, iOS, or Windows device, making it simple and convenient for users to transfer data.

Seamless Barcode Capture and Storage

Offering versatile barcode scanning capabilities, the B580 Piranha II enables fast real-time scanning with seamless data transfer to the host via Bluetooth. Moreover, users can also take advantage of the 1MB memory when operating in batch collection mode, which can store thousands of barcodes offline for subsequent download via Bluetooth or cable.

Bills Do the Go

The B580 Piranha II boasts not only a reliable user interface but also two extra buttons for convenient data editing. For data collection mode, the Delete button allows users to quickly rectify scanning errors by deleting the last scanned bar code. Meanwhile, the Function button serves as a virtual keyboard scroll feature, enabling manual data list & on-screen range of host devices, including iOS mobile. This makes the B580 Piranha II an ideal companion for all your data collection needs.

Reverse Charging & Communication

The B580 Piranha II features a fast and reliable USB-C port that can be used both for charging and establishing a connection to a host to download data or access the EasySet configuration software. In addition, the device also supports the use of power pins to charge via the cable.

Multi-Device Charging

The B580 Piranha II offers an optional two-pin charging solution that can be easily linked together to create a multi-charging station. With optimized charging capabilities, users can take them up to the station, allowing them to charge some the scanner simultaneously using a single power supply.



Suggested Industries



B580 Piranha II 2D Technical specifications

Data formats

2D	All major 2D symbologies, including Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, DataBar, GS1, Interleaved 2 of 5, ISBN, Code 49, UCC-128, GS1 DataMatrix, etc.
2D+	All major 2D symbologies, including PDF417, QR Code, Data Matrix, etc.
Image format	TIFF, JPEG (CMYK)
Resolution	1200dpi
Depth of Field EAN-13 (2D+)	90-980mm
Depth of Field Code 39 (2D+)	60-900mm
Depth of Field Code 128 (2D+)	50-800mm
Depth of Field DataMatrix (2D+)	40-700mm
Depth of Field QR (2D+)	20-300mm
Scan Angle	80° (2D), Pitch 400°, Tilt 400°
Minibar Price Control	20%

Physical

Battery Type	1.7V 900mAh rechargeable Li-ion battery
Current Operating Mode(s)	200mA (Bluetooth in use) 11 mA
Dimensions (mm)	86 (H) x 44 (W) x 24 (D) mm
Expected Battery Life	3 years of continuous operation (rate depends on use)
Interfaces	Type-C USB, Bluetooth (HS/DFU/BLE profiles)
Opt. Features	Beep, LED and vibration
Weight	43g

Wireless

Wireless Standards	2.4 - 2.5GHz ISM band, compatible with Bluetooth 4.2/5.0 (L) 1+020
Bluetooth Transmission Range	20m (open space)

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)
Charge Temperature	0°C to 40°C (32°F to 103°F)
Humidity	20-95% non-condensing
Electric Shock Discharge (ESD)	14 kV (static discharge), 100 kV (air discharge)
Drop	1.8m
IP Rating	IP42

Software

Configurable Tolls	Enabled
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Connectivity

Hardware	RF, BLE, QR, NFC, POC, TELIC, NFC, 4G/LTE, Wi-Fi, 802.11ac
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Warranty

Duration	3 years
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