



S800 DATASHEET

SOCKETSCAN™

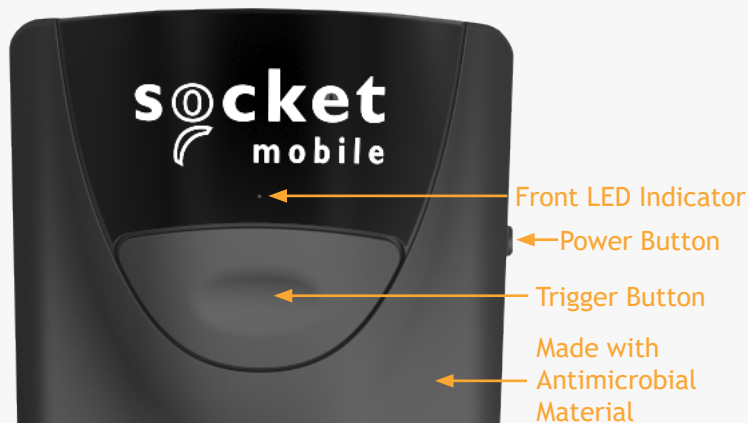
Thin, Small & Light - Great for one-handed solutions

The Socket Mobile S800 proves big things come in small packages. Helping to minimize data entry, this 1D Bluetooth barcode scanner attaches to your smartphone while remaining small, thin and easy to use. The scanner is optimized for attaching to mobile devices and enabling one-hand operation. The S800 scans barcodes printed on labels or displayed on device screens. Its convenient mini size is perfect for retail point of sale, inventory management, sales order entry, field service, and other mobile business applications.

Approximately the same size as a credit card, measuring less than ½ inch (1.27cm) thick and weighing less than two ounces (48g), the S800 is one of the smallest and lightest barcode scanners available in the market. The S800 slips neatly into your pocket and fits comfortably in the palm of your hand when attached to a smartphone. You can add a lanyard, wrist strap or belt clip (sold separately) for a wearable solution to make the S800 accessible at any time.



Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch® devices) and compatible with Android and Windows®



Features

- Certified by Apple® for iOS devices - Guaranteed Compatibility
- Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebook and desktop computers.
- Battery Friendly® technology enables battery to last a full work shift
- Made with antimicrobial material for protection against potentially harmful germs
- Sealing - Protection rating of IP40
- Includes a Universal Klip providing a one-handed scanning solution
- Reads all common 1D / linear and stacked barcodes up to 20" (51 cm) away
- No software installation required - use Bluetooth Basic Mode (HID) to connect like a wireless keyboard
- Advanced functionality and scanner configuration supported in Bluetooth Application Mode (SPP) with Socket Mobile's SDK
- Warranty - 1 year for Barcode Scanner and 90 days for Accessories - Extended warranty available

Default Barcode Symbologies:	CODE 39, CODE 128, EAN 8, EAN 13, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, UPC A, UPC E (0)
Supported Barcode Symbologies:	1D Symbologies: BOOKLAND EAN, Codabar, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, DISCRETE 2 OF 5, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, GS1 128, GS1 DataBar-14, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, KOREAN 3 OF 5, MATRIX 2 OF 5, MSI , PLESSEY, RSS EXPANDED STACKED, RSS-14, TELEPEN, UPC A, UPC E (0), UPC E1
Scan Angle:	53.3" ± 3"
Optical Resolution:	5 mil minimum
Print Contrast:	20% minimum

Reading Distance:

1D codes 5.7 to 50.8 cm (2.25 to 20 in) Resolution
 Depends on symbol size, symbology, label media, W-N ratio scan angle

SCANNER TYPE

Technology:	1D Barcode Linear Imager
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BATTERY

Battery:	Lithium ion rechargeable battery
Charge Time:	4 Hours
Battery Life: Per Full Charge:	Standby time: 10 hours Active Scan Time: 8,000 scans within 9 hours (calculation based on 1 scan every 4 seconds) <i>Note: Battery life varies depending on ambient temperature, ambient light, age of battery, etc.</i>

BLUETOOTH (WIRELESS CONNECTION)

Bluetooth Radio:	Class 2 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
Bluetooth Range:	Up to 10 m (33 ft.) depending on environment, range limit is usually due to the Host Device (phone, tablet or notebook)
Bluetooth Profiles:	Basic Mode - Human Interface Device (HID)*, Application Mode - Serial Port Profile (SPP) and Application Mode - MFi-SPP. Some Operating Systems or smartphone/tablet models may support only one profile. <i>*By default, the scanner is set to Basic Mode (HID).</i>

PHYSICAL CHARACTERISTICS

Dimensions:	3.42 (L) x 2.12 (W) x .52 (H) in (86.9 x 53.94 x 13.43 mm)
Weight/Mass:	1.5 oz (43.0 g)
LEDs:	Scan LED: Green and Red Bluetooth LED: Blue
Buttons:	Trigger Button: Scan Power Button: On/Off

USER ENVIRONMENT

Ambient Light:	From 0 to 100 000 lux From pitch black to direct sun light
Operating Temperature:	+32 to +122 °F (0 to +50 °C)
Storage Temperature:	-22 to +158 °F (-30 to +70 °C)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP40 (5% to 95% non-condensing)
Drop Specifications:	Multiple 3.3 ft. drops to vinyl covered concrete

OPERATING SYSTEM COMPATIBILITY

Android OS: Basic Mode (HID)* & Application Mode (SPP)	Mac OS: Basic Mode (HID)* only
Apple iOS: Basic Mode (HID)* & Application Mode (MFi-SPP)	Windows: 10, 8, and 7: Basic Mode (HID)* & Application Mode (SPP)
Compatible with devices supporting Basic Mode (HID)* protocol	Windows Mobile, Embedded Handheld: Basic Mode (HID)* & Application Mode (SPP)

*By default the scanner is in Basic Mode (HID).

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iOS



OS X



CERTIFICATION & REGULATORY

Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	RoHS
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC
LED Safety:	IEC 60825-1, EN 60825-1



WARRANTY

Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare



COMMON USES

Retail	Hospitality
Healthcare	Life Sciences
Logistics	Automotive

- (1) SocketScan S800, 1D Imager Barcode Scanner
- (1) Micro USB Charging Cable
- (1) Universal Klip Case



OPTIONAL ACCESSORIES

DuraCase™ & Charging Dock:

- Apple® iPod touch® for 5th & 6th generation: SKU# AC4094-1670
- Samsung J3/J5: SKU# AC4118-1785
- Samsung Galaxy S7: SKU# AC4125-1792



DuraCase Only:

- Apple® iPod touch® for 5th & 6th generation: SKU# AC4092-1668
- Samsung J3/J5: SKU# AC4117-1784
- Samsung Galaxy S7: SKU# AC4124-1791



DuraCase Charging Dock



DuraCase Charging Adapter



DuraCase 6 Multi-Bay Charger

Due to varying countries' outlets, the DuraCase 6 Multi-Bay Charger power chords are NOT included in the package.



DuraCase 6 Multi-Bay Charger AC Power Cord



Klip Case:

- iPhone SE/5/5s: SKU# AC4066-1500
- iPhone 5c: SKU# AC4078-1540
- iPod touch(5th generation): SKU# AC4067-1501
- Samsung Galaxy S4: SKU# AC4068-1502



AC Power Supplies



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