



SOCKETSCAN® S800

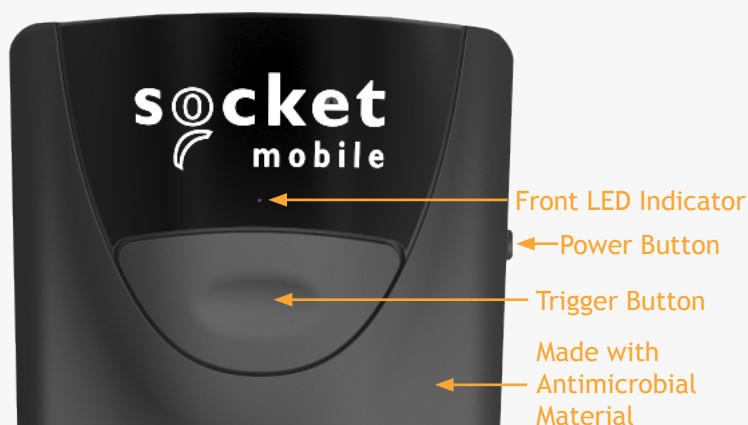
Thin, Small & Light - Great for one-handed solutions

The Socket Mobile S800 is a 1D imager barcode scanner with Bluetooth® wireless technology. Small, thin and easy to use, the scanner is optimized for attaching to mobile devices, enabling one-handed operation. The S800 can scan barcodes printed on labels or displayed on device screens. It reads all the most popular 1D barcodes and 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, the S800 is one of the smallest and lightest barcode scanners available in the market today. The S800 slips neatly into your pocket and fits comfortably in the palm of your hand when attached to a smartphone.



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



Features

- **Bluetooth Wireless Technology** - Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebook and desktop computers
- **Certified by Apple® for iOS devices** - Guaranteed Compatibility - With our SDK integrated in over 700+ applications, Socket Mobile scanners are one of the most natively integrated scanners available today and are 100% compatible with any application out-of-the-box in HID (keyboard emulation) mode.
- **Compatible with all Android and Windows devices and applications**
- **Scanning** - Reads all common 1D barcodes
- **Size & Weight** - Measuring less than ½ inch (1.27cm) thick and weighing less than two ounces (48g)
- **User Feedback** - With audible tones, hand pulsation and Bluetooth indicators
- **Long-Lasting Battery** - Power to last over 16 hours
- **One-Handed Operation** - Attachable clip included
- **Protective Material** - Made with antimicrobial material for protection against potentially harmful bacteria
- **Application Integration** - Socket Mobile's Capture SDK enables easy integration in your applications to improve business productivity with fast, efficient and reliable data transfer over Bluetooth wireless technology.
- **Accessories** - DuraCase, lanyard and wrist strap available (sold separately)
- **Designed and Assembled in the USA**
- **Developer Support Available**
- **1-Year Warranty**

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:

S800

Width of Field

Depth of Field

Symbology	Resolution (mil)	Depth (in)	Depth (cm)
Code 128	5 mil	2.75	8.25
Code 39	5 mil	2.25	9.75
7.5 mil		1.50	12.75
100% UPC		2.00	15.75
20 mil		1.50	24.00

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
-------------	--------------------------

BATTERY

Battery:	Lithium ion rechargeable battery
Charge Time:	4 Hours
Battery Life: Per Full Charge:	Standby time: 21 hours Active Scan Time: 8,000 scans within 9 hours (based on 1 scan every 4 seconds) 49,000 scans within 4 hours (based on 2 scans every second)
Note:	Battery life varies depending on ambient temperature, ambient light, age of battery, etc.

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	

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

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

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

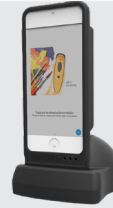
Retail	Hospitality
Healthcare	Life Sciences
Logistics	Automotive

- (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**



socketmobile.com

sales@socketmobile.com

UK/Ireland/South Africa: +44 7787 112109

Toll-Free: +1 800 552 3300 (USA/Canada)

EMEA & Russia: +41 62 834 0780

France: +33 970 462 241

Switzerland: +41 62 834 07 80

Asia Pacific: +1 510 933 3122

Japan: +8190 9808 0518

Germany: +49 9401 5299 052

Latin America: +1 510 933 3153