SocketScan® S800

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

The Socket Mobile S800 is a linear 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.

The S800 is designed to be software compatible with all applications. Updates on operating systems may alter the devices' performance.

For the most reliable and consistent performance, please verify with your application provider that Socket Mobile's latest Capture SDK was implemented in your app.

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 Capture SDK integrated in over 700+ applications, Socket Mobile scanners are one of the most natively integrated scanners available today. Socket Mobile Scanners are also 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 a full work day, up to 9 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** - Klip is included. DuraCase, lanyard and wrist strap available (sold separately)

- **Designed and Assembled in the USA**

- **Developer Support Available**

- **1-Year Warranty**

2.12 in.
53.94 mm

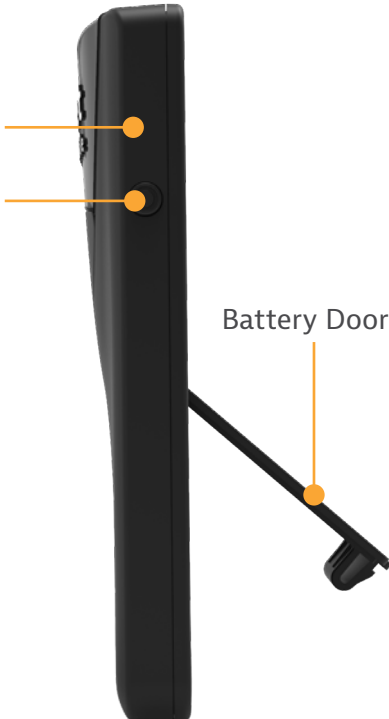Weight/Mass: 1.7 oz (48 g)

0.53 in.
13.43 mm

3.42 in.
86.9 mm

socket mobile

Side LED Indicator for charging

Power On/Off and Keyboard Toggle Button

Battery Door

socket mobile

Front Bluetooth LED Indicator

Power Button

Scan Button

(1) SocketScan S800, 1D Imager Barcode Scanner
(1) Micro USB Charging Cable
(1) Universal Klip Case
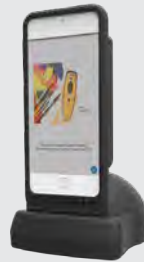
**Socket Mobile
Companion App
Download for Free!**

Optional Accessories

DuraSled - Only Apple iPod touch & iPhone 6,7,8, 10, 11, 12 series phones Samsung Galaxy J2/J3/J5, S7, XCover Pro Phones	DuraSled & Charging Dock Apple iPod touch & iPhone 6,7,8, 10, 11, 12 series phones Samsung Galaxy J2/J3/J5, S7, XCover Pro Phones	Holster
DuraSled Charging Adapter	DuraSled Charging Dock	DuraSled 6 Multi-Bay Charger
DuraSled 6 Multi-Bay Charger AC Power Cord	Klip Cases iPhone SE/5/5s iPhone 5c iPod touch(5th generation) Samsung Galaxy S4	Wrist Strap

Warranty

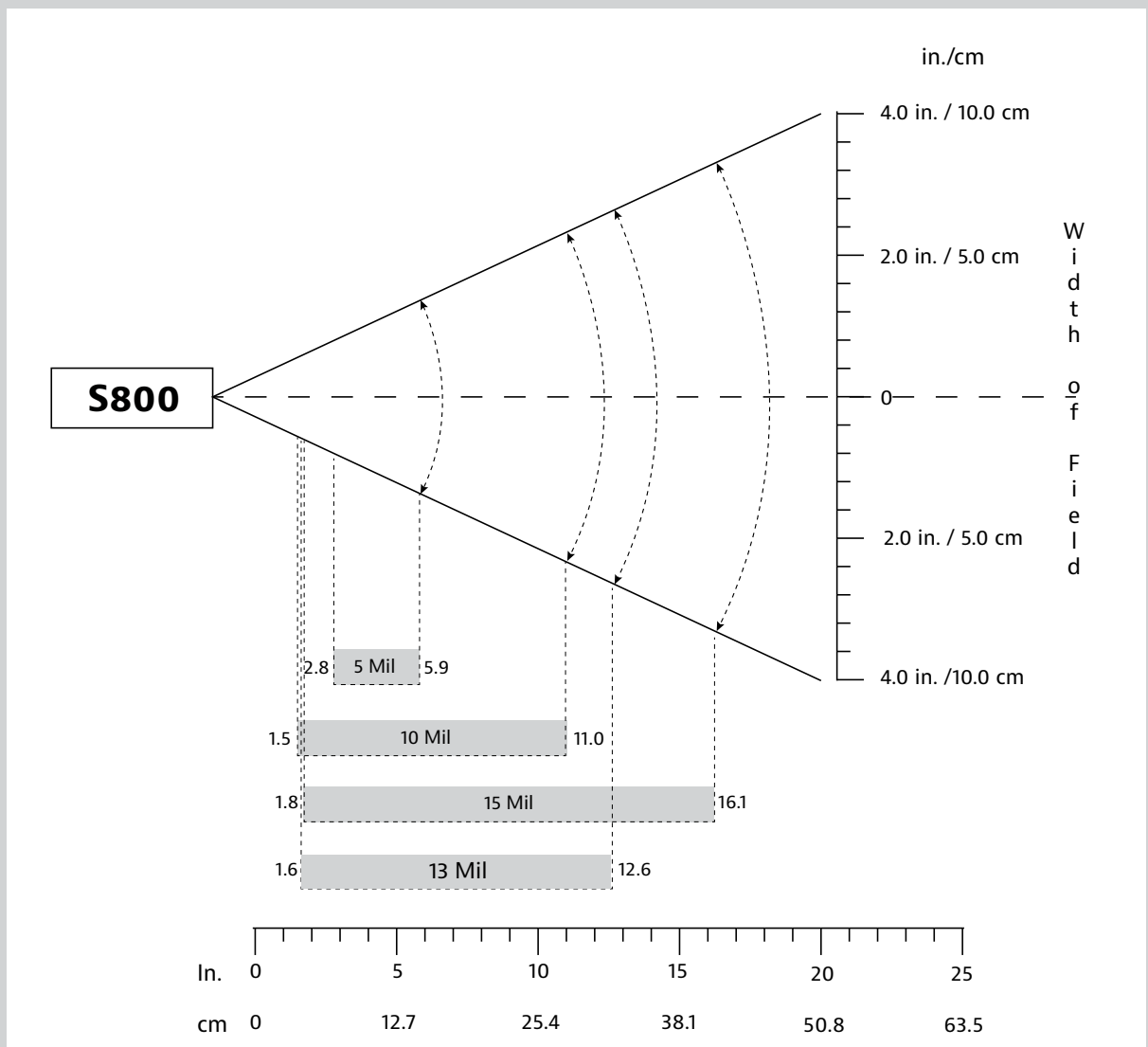| Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare

SocketCare

Technology:	1D Barcode Linear Imager

Scanning Performance

Default Barcode Symbologies:	Code 39, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, UPC-A, UPC-E1
Supported Barcode Symbologies:	Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, Matrix 2 of 5, UPC-A, UPC-E1
Scan Angle:	53.3″ ± 3″
Optical Resolution:	5 mil minimum
Print Contrast:	20% minimum
Reading Distance:	

Decode Ranges:	1D codes 3.5 to 41 cm (1.4 to 16.1 in) Resolution Depends on barcode size, symbology, label media.

Resolution	Near	Far
5 Mil	2.8 in./ 7 cm	5.9 in./ 15 cm
10 Mil	1.4 in./ 3.5 cm	11.0 in./ 28 cm
15 Mil	1.8 in./ 4.5 cm	16.1 in./ 41 cm
13 Mil	1.6 in./ 4.0 cm	12.6 in./ 32 cm

Battery

Type of Battery:	Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life:	500 charge-discharge cycles
Battery Life Per Full Charge:	Standby time: over 20 hours Active Scan Time: 80,000 scans within 9 hours (based on 2 scans every 1 second) 7,000 scans within 7 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light and age of battery. *For more battery information* [click here]().
Number of Batteries Used:	1
Weight of battery:	12.5g
Percentage Lithium:	36%
Battery mAh:	700 mAh
Number of cells per battery:	1
Watt Hours per battery:	2.59
Type of Cell (ex. AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium - polymer
Lithium Content:	14g
Battery Voltage:	3.7v
Hazmat UN Number:	UN3481, P.I. 967
ROHS Compliance Indicator:	Yes, Included with Scanner
Country of Origin:	China
Commodity Code:	8507.60.0000

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. *By default, the scanner is set to Basic Mode (HID).

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.
*Chromebook and Linux supports HID mode only.

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

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	Supported Language Setting in Basic Mode (HID): ANSI, English UK, English, French, German, Italian, Japanese, Polish, Spanish and Swedish
*By default, the factory settings of the Socket Mobile Scanners are set to Basic Mode (keyboard emulation: HID). In order to use the scanner with an application using Capture SDK, the scanner must be configured in Application Mode (Bluetooth Serial Port Profile: SPP)	

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Common Uses

Retail	Hospitality
Healthcare	Life Sciences
Logistics	Automotive

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
ISO 9001 Accreditation	