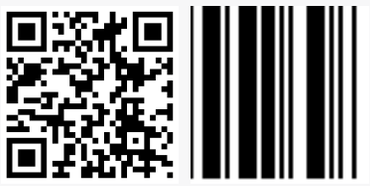
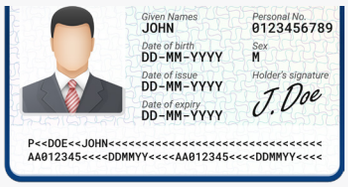


2D/1D Imager



Passport Reader

OCR-A / OCR-B / MICR E13B

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

The Socket Mobile S860 is a fast-scanning 2D imager barcode scanner and passport reader with Bluetooth® wireless technology. The scanner virtually captures any 1D or 2D barcodes in milliseconds. Small, thin and easy to use, the scanner is optimized for attaching to mobile devices, enabling one-handed operation. Merchants can scan barcodes of products and the passports of consumers with one device. Scanning barcodes printed on labels or displayed on device screens, it reads all the most popular 2D barcodes and MRZ/passports, perfect for the travel industry 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 S860 is one of the smallest and lightest barcode scanners and passport readers available in the market today. The S860 slips neatly into your pocket and fits comfortably in the palm of your hand when attached to a smartphone.

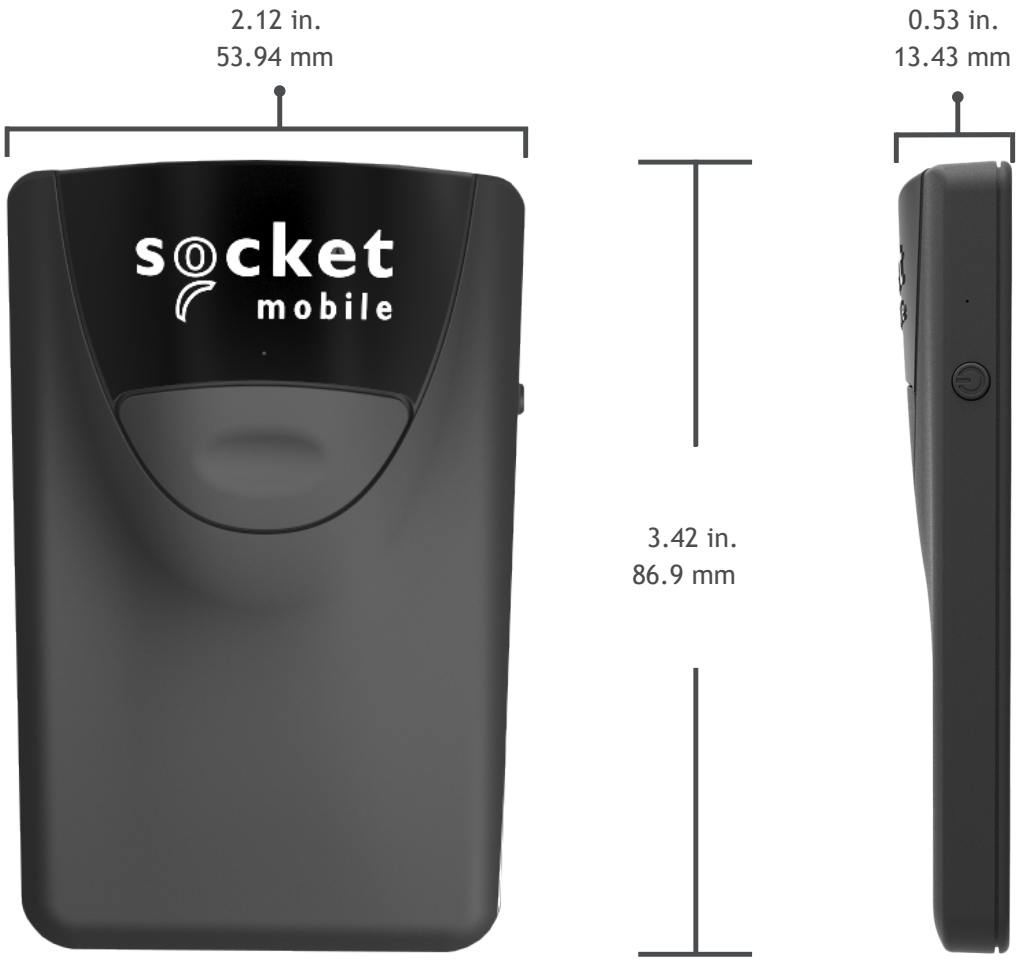
Made for iPod iPhone iPad

Bluetooth®

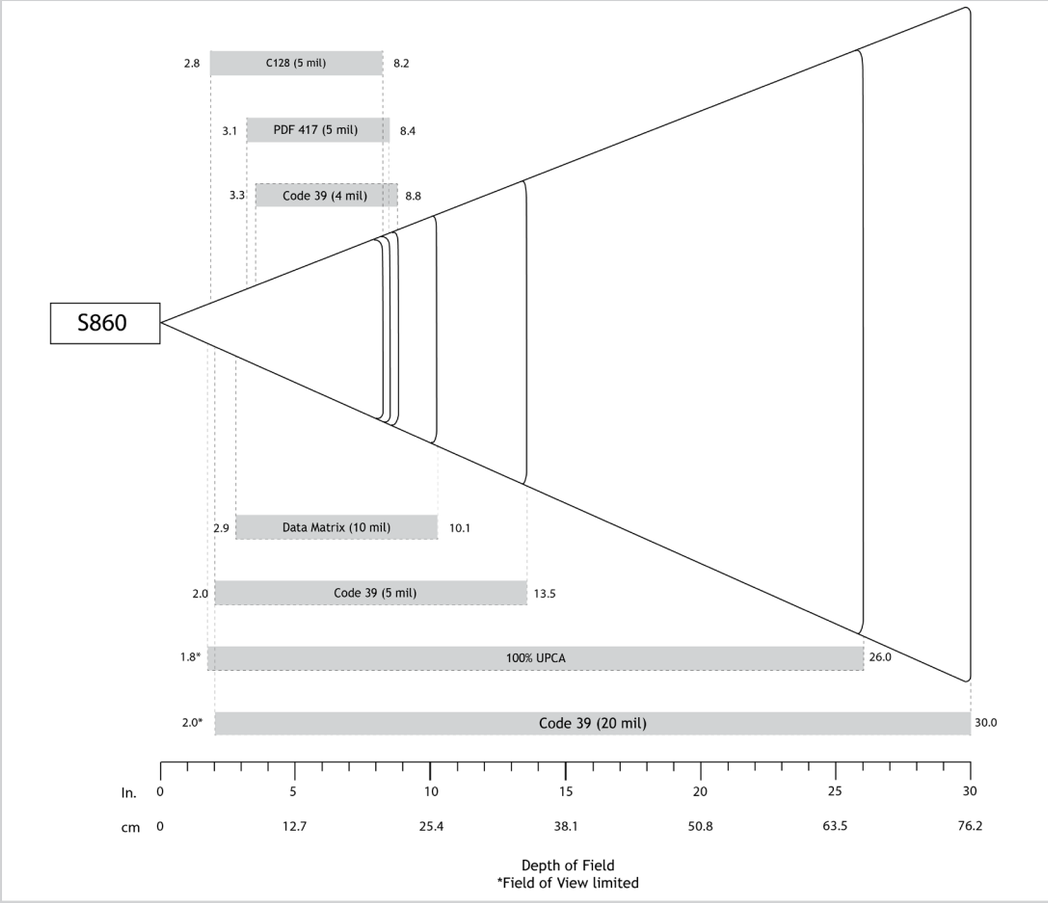
Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch® devices) and compatible with Android and Windows®

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. 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** – Fast 2D & 1D barcode scanning with highly visible and safe LED aimer and omni-directional ability, allowing intuitive rapid scanning. Scans OCR A&B fonts, OCR USC, OCR passport and OCR MICR (E13B) fonts.
- **LED Aimer** - Bright, rectangular illumination field with LED dot for precise aiming.
- **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**


2.12 in.
53.94 mm
0.53 in.
13.43 mm
3.42 in.
86.9 mm
socket
mobile

Side LED Indicator for charging
Power/iOS Keyboard Pop-up Button
socket
mobile
Front Bluetooth LED Indicator
Power Button
Scan Button
Made with Antimicrobial Material

Default Barcode Symbologies:	**1D Symbologies:** Codabar, 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, ISBT 128, UPC A, UPC EO **2D Symbologies:** Aztec, Data Matrix, Maxicode, Micro PDF417, PDF417 **Postal Codes:** Australia Post **OCR Type Face:** OCR Passport - 2 lines
Supported Barcode Symbologies:	**1D Symbologies:** Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC, Discrete 2 of 5, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO **2D Symbologies:** Aztez, Data Matrix, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code **Postal Codes:** Australia Post, Han Xin, Japan Postal, KIX Code, Maxicode, Netherlands, UPU FICS Posta, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail **OCR Type Face:** OCR-A, OCR-B, MICR-BBB, US currency serial number
Scan Angle:	Horizontal: 42° Vertical: 28°
Sensor Resolution:	1280 x 800 pixels
Print Contrast:	Down to 25%
Reading Distance:	 4.6 to 76.2 cm (1.8 to 30.0 in.) Depends on barcode size, symbology, label media, Narrow and Wide ratio, scan angle

Decode Ranges

	Near	Far
4 mil Code 39	3.3 in/8.4 cm	8.8 in/22.4 cm
5 mil Code 128	2.8 in/7.1 cm	8.2 in/20.8 cm
5 mil Code 39	2.0 in/5.08 cm	13.5 in/34.3 cm
10 mil Data Matrix	2.9 in/7.4 cm	10.1 in/25.7 cm
100% UPC A	1.8 in/4.6 cm*	26.0 in/66.0 cm
20 mil Code 39	2.0 in/5.08 cm*	30.0 in/76.2 cm

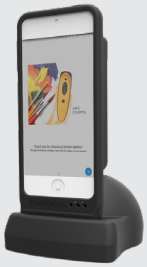
SINGLE PACKAGE INCLUDES

(1) SocketScan S860, 1D Imager Barcode Scanner
(1) Micro USB Charging Cable
(1) Universal Klip Case
(1) Get Started Insert

OPTIONAL ACCESSORIES

DuraCase Only
Apple® iPod touch® for 5th/6th gen
Samsung J3/J5
Samsung Galaxy S7

DuraCase & Charging Dock
Apple® iPod touch® for 5th/6th generation
Samsung J3/J5
Samsung Galaxy S7

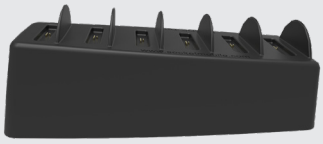


Holster

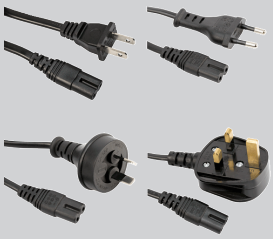
DuraCase Charging Adapter

DuraCase Charging Dock

DuraCase 6 Multi-Bay Charger



DuraCase 6 Multi-Bay Charger
AC Power Cord



Klip Cases
iPhone SE/5/5s
iPhone 5c
iPod touch(5th generation)
Samsung Galaxy S4

Lanyard - Black

SCANNER TYPE

Technology:	2D/1D Barcode Imager & OCR character reader
Light Source Aimer:	Hyper red 660 NM (nanometer) LED 6/0 NM LED

BATTERY

Battery:	Lithium ion rechargeable battery
Charge Time:	4 Hours
Battery Life: Per Full Charge:	**Standby time:** 25 hours **Active Scan Time:** 34,000 scans within 3 hours (based on 2 scans every 1 second) or 9,000 scans within 10 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light, age of battery, etc.

WARRANTY

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

COMMON USES

Retail	Hospitality	Point of Sale
Logistics	Life Sciences	Automotive
Healthcare	Travel	

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).*

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:	1.7 oz (48 g)
LEDs:	Scan LED: Green and Red Bluetooth LED: Blue
Buttons:	Scan 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:	5% to 95% (non condensing)
Sealing:	IP40
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 compliant
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

FCC: T9J-RN42
IC: 6514A -RN42
Telec ID: 20[illegible]5709

Industry Canada WEEE RoHS

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