



# SOCKETSCAN® S840

## Thin, Small & Light - 2D/1D Scanner - Great for one-handed solutions

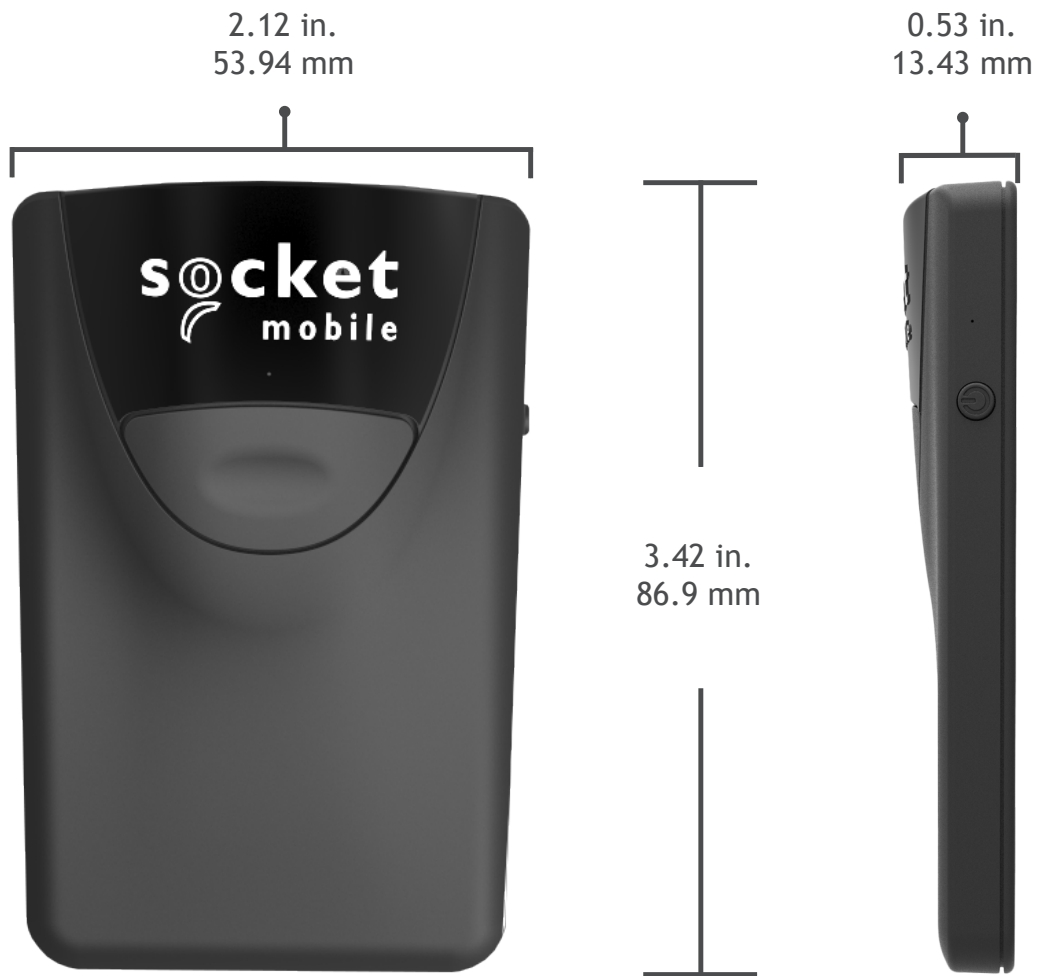
The Socket Mobile S840 is a fast-scanning 2D/1D imager barcode scanner with Bluetooth® wireless technology. Small, thin and easy to use, the scanner is optimized for attaching to mobile devices, enabling one-handed operation. The S840 can scan barcodes printed on labels or displayed on device screens. It reads the most popular 2D/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 S840 is one of the smallest and lightest quality barcode scanners available in the market today. The S840 slips neatly into your pocket and fits comfortably in the palm of your hand when attached to a smartphone. The S840 is compatible with all applications in previous Socket Mobile scanners without software changes.



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

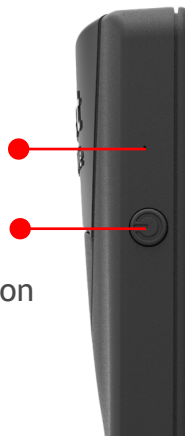
## Features

- **Bluetooth Wireless Technology** - Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebooks 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 can work as a keyboard and are 100% compatible with any application out-of-the-box in HID (keyboard emulation) mode.
- **Compatible with all Android, Apple and Microsoft Windows devices and applications**
- **Scanning** - Fast 2D & 1D, omni-directional, barcode scanning with highly visible and safe LED aimer
- **Decoding Ability** - Reads damaged and poorly printed barcodes
- **LED Aimer** - Bright, rectangular illumination field with LED pointer 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, vibration and Bluetooth connection 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 and easy to clean
- **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)
- **Developer Support Available** - The Capture SDK is available with subscription
- **1-Year Warranty**



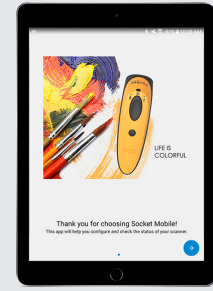
Weight/Mass: 1.7 oz (48 g)

Side LED Indicator  
for charging  
Power On/Off  
and  
Keyboard Toggle Button



Front Bluetooth  
LED Indicator  
Power Button  
Scan Button  
Made with  
Antimicrobial  
Material

- (1) SocketScan S840,  
2D/1D Barcode Scanner
- (1) Micro USB Charging Cable
- (1) Universal Klip
- (1) Get Started insert



Socket Mobile Companion App  
Download for Free!

## OPTIONAL ACCESSORIES

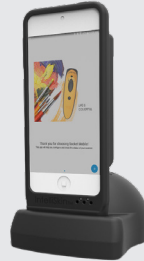
DuraCase - Only  
Apple® iPod touch® for 5<sup>th</sup>/6<sup>th</sup> gen  
Samsung J3/J5  
Samsung Galaxy S7



DuraCase Charging Adapter



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



DuraCase Charging Dock



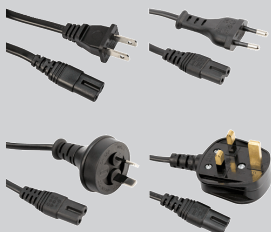
Holster



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



Wrist Strap or Lanyard



**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

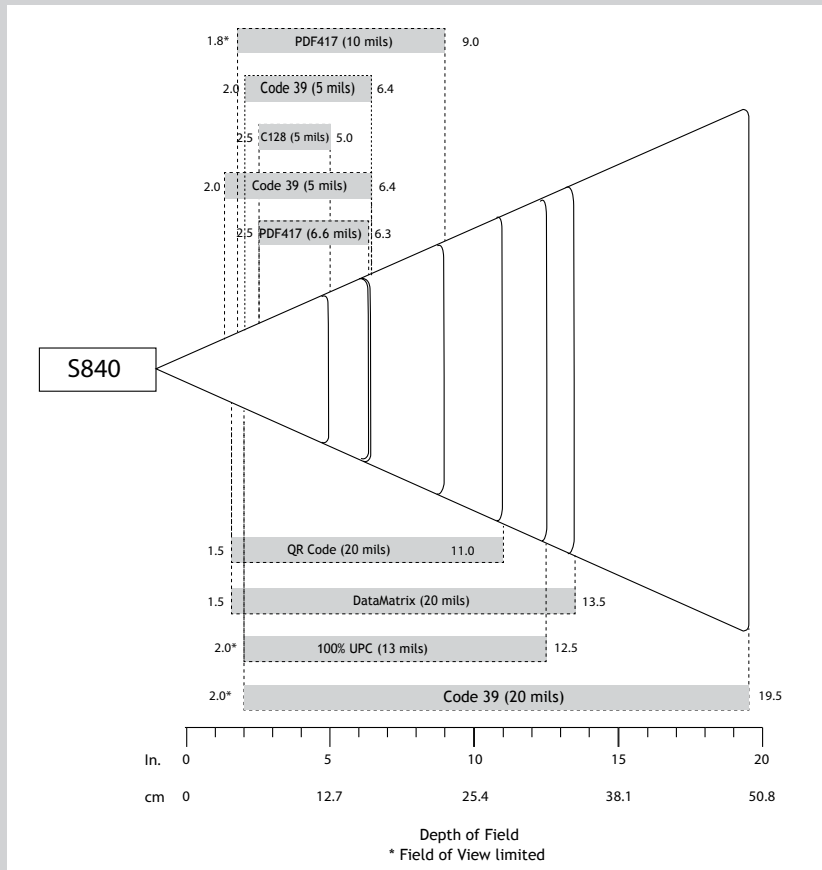
**Supported Barcode Symbologies:** 1D Symbologies: Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC, Discrete 2 of 5, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO  
 2D Symbologies: Aztec, Data Matrix, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code

**Scan Angle:** 42° (Horizontal) - 28° (Vertical)

**Sensor Resolution:** 640 horizontal x 400 vertical pixels

**Print Contrast:** Down to 25%

**Reading Distance:**



3.8 to 49.5 cm (1.5 to 19.5 in.) Depends on barcode size, symbology, label media, Narrow and Wide ratio, scan angle

**Decode Ranges**

	Near	Far
5 mil Code 39	2.0 in/5.1 cm	6.4 in/16.2 cm
5 mil Code 128	2.5 in/6.3 cm	5.0 in/12.7 cm
6.6 mil PDF417	2.5 in/6.3 cm	6.3 in/16.0 cm
10 mil PDF417	1.8 in/4.5 cm*	9.0 in/22.8 cm
13 mil 100% UPC	2.0 in/5.0 cm*	12.5 in/31.7 cm
20 mil Code 29	2.0 in/5.0 cm*	19.5 in/49.5 cm
20 mil Data Matrix	1.5 in/3.8 cm	13.5 in/34.3 cm
20 mil QR Code	1.5 in/3.8 cm	11.0 in/27.9 cm



Technology:	2D/1D Barcode Linear Imager
Lightsource:	1 hyper red 660 nm (nanometer) LED
Aimer:	610 nm LED

## BATTERY

Battery:	Lithium ion rechargeable battery
Charge Time:	4 Hours
Battery Life:	<b>Standby time:</b> 25 hours
Per Full Charge:	<b>Active Scan Time:</b> 34,000 scans within 3 hours (based on 2 scans every 1 second) 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.

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>

## 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 drops to vinyl covered concrete at about 3 ft or 1 m

## 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)
<i>*By default the scanner is in Basic Mode (HID).</i>	

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



Bluetooth SIG:	Declaration ID: D030473 QDID: 82009
Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	RoHS EN 50581
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC
LED Safety:	IEC/EN 62471 (Exempt Group) FCC ID: T9J-RN42 CMIIT ID: 6514A-RN42 Telec ID:  201-125709



## WARRANTY

Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	<a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a>



## COMMON USES

Retail	Hospitality	Point of Sale
Logistics	Life Sciences	Automotive
Healthcare	Inventory	Transportation
Warehouse Management	Field Sales & Service	

socketmobile.com

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