



# SOCKETSCAN<sup>®</sup> S840

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

The Socket Mobile S840 is a fast-scanning 2D imager barcode scanner with Bluetooth<sup>®</sup> 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 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. Compatible with all applications in previous Socket Mobile scanners without software changes.



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

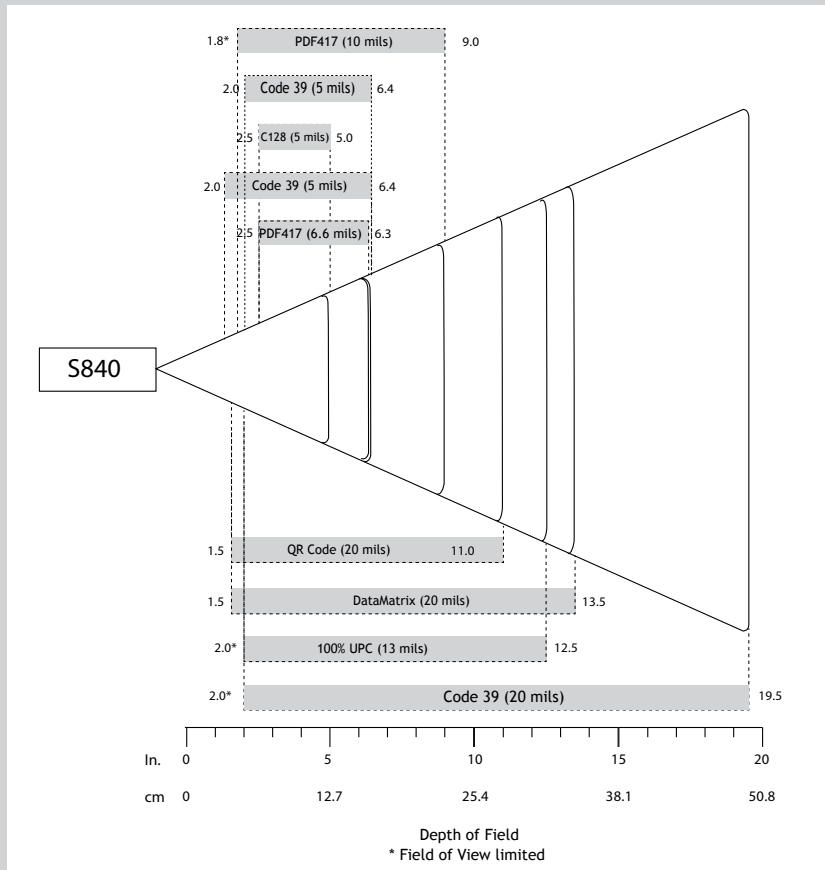


## Features

- **Bluetooth Wireless Technology** - Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebooks and desktop computers
- **Certified by Apple<sup>®</sup> 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, 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 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)
- **Developer Support Available**
- **1-Year Warranty**

Default Barcode Symbologies:	<b>1D Symbologies:</b> Australia Post, 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 <b>2D Symbologies:</b> Aztec, Data Matrix, Maxicode, Micro PDF417, PDF417
Supported Barcode Symbologies:	<b>1D Symbologies:</b> Australia Post, 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 <b>2D Symbologies:</b> 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
Lightsources:	1 hyper red 660 nm (nanometer) LED
Aimer:	610 nm LED

## BATTERY

Battery:	Lithium ion rechargeable battery
Charge Time:	4 Hours
Battery Life: Per Full Charge:	<b>Standby time:</b> 25 hours <b>Active Scan Time:</b> 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.

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:	1.7 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®.



## CERTIFICATION & REGULATORY

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		

## SINGLE PACKAGE INCLUDES - SKU# CX3388-1846

- (1) SocketScan S840, 2D Barcode Scanner
- (1) Micro USB Charging Cable
- (1) Universal Klip Case



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



DuraCase Only:  
 Apple® iPod touch® for 5<sup>th</sup> & 6<sup>th</sup> 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 cords 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

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

Asia Pacific: +1 510 933 3122

EMEA & Russia: +41 62 834 0780

France: +33 970 462 241

Germany: +49 9401 5299 052

Japan: +8190 9808 0518

Latin America: +1 510 933 3153

Switzerland: +41 62 834 07 80

UK/Ireland/South Africa: +44 (0) 1252 761403  
 +44 7787 112109