

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

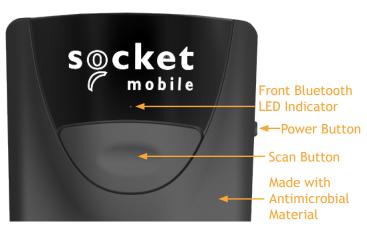
The Socket Mobile S840 is a fast-scanning 2D imager barcode scanner with Bluetooth® wireless technology. Small, thin and easy to use, the scanner is optimized for attaching to mobile devices, enabling one-handed operation. The S840 can scan barcodes printed on labels or displayed on device screens. It 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  $\frac{1}{2}$  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® 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, 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 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:

1D Symbologies: 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

2D Symbologies: Aztec, Data Matrix, Maxicode, Micro PDF417, PDF417

Symbologies:

Supported Barcode 1D Symbologies: 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

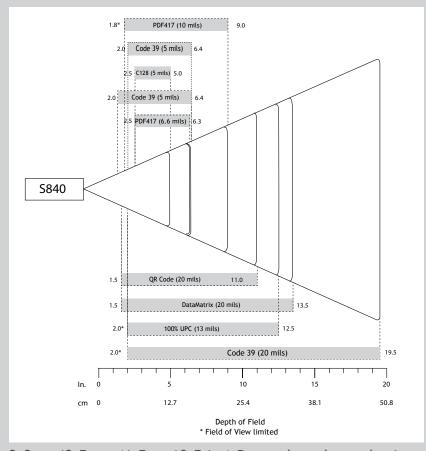
> 2D Symbologies: Aztec, Data Matrix, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code

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

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 milk 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: Standby time: 25 hours

Per Full Charge: 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.

## **BLUETOOTH (WIRELESS CONNECTION) 8**

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:  $3.42 (L) \times 2.12 (W) \times .52 (H) \text{ in } (86.9 \times 53.94 \times 13.43 \text{ mm})$ 

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:  $+32 \text{ to } +122 \,^{\circ}\text{F} \text{ (0 to } +50 \,^{\circ}\text{C)}$ 

Storage Temperature:  $-22 \text{ to } +158^{\circ}\text{F} (-30 \text{ to } +70^{\circ}\text{C})$ 

Sealing: IP40

Relative Humidity:

Drop Specifications: Multiple 3.3 ft. drops to vinyl covered concrete

5% to 95% (non condensing)

#### 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 ODID: 82009

Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2 Electrical Safety:

Environmental: **RoHS EN 50581** 

EMI / RFI: FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC

IEC/EN 62471 (Exempt Group) LED Safety:

> FCC ID: T9J-RN42 CMIIT ID: 6514A-RN42 Telec ID: R 201-125709



















#### **WARRANT**

Scanner: Standard one year limited warranty

Accessories: 90 days

Extended Warranty:

(sold separately)

www.socketmobile.com/socketcare



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



# **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 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** 











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