



# DURASLED™ DS840

For Apple® iPhone 6/7/8, XR/X/Xs, 11/11 Pro, 6/7/8 Plus, Xs Max, 11 Pro Max and iPod touch 5th/6th/7th Generation

The DuraSled™ DS840 is a universal barcode scanning sled for 1D/2D barcodes, with Bluetooth® wireless technology for Apple iPhones and iPods. The DuraSled reads printed or on-screen barcodes and protects devices from tumbles. It is easy-to-use and ideal for delivery services, stock counting, ticketing and other application-driven mobile solutions. Simply insert your iPhone/iPod, pair your scanner and you are ready to go.

The DuraSled's core elements remain constant, enabling seamless transitions to the ever-changing iPhone models, using the same application and same DuraSled charging infrastructure. DuraSled supports the iPod, iPhone 6, 7, 8, iPhone X series and the entire iPhone 11 series. The core components don't change when switching to a new iPhone model, enabling users to maintain their mobile deployment investments.



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

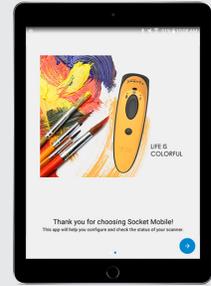


## Features

- Interchangeable Scanner - Barcode scanner can be used separately, attached to a different iPhone/iPod, or inserted into any sized DuraCase.
- Interchangeable Accessories - All accessories for DuraSled, DuraScan 800 Series and DuraCase are the same.
- Combines and protects both your Apple device and 800 Series scanner with a durable Elastomeric (rubber) case.
- Integrates connectors from both devices directly into the case for dual charging.
- Features magnetic contacts for ease of docking.
- Made with antimicrobial material for ease of cleaning and extra protection against potentially harmful microbes.
- Designed & made in USA.

# DURASLED & CHARGING DOCK BUNDLE

- (1) DS840 for iPhone 6/7/8, XR/X/Xs, 11/11 Pro or iPhone 6/7/8 Plus, Xs Max, 11 Pro Max or iPod touch 5th/6th/7th
- (1) GDS® Charging Dock
- (1) USB Cable
- 1- year limited warranty on DuraSled and charging dock



Socket Mobile Companion App  
Download for Free!

## OPTIONAL ACCESSORIES

Charging Adapter



Connect your DuraSled to a Snap-Con™ GDS to Micro USB 2.0 Adapter and charge both the scanner and the handheld device at the same time! Perfect for charging at home or anywhere you go.

\*Charging Dock



Connect your DuraSled to the GDS® Charging Dock. The exterior docking contacts are specifically engineered for secure docking and charging of both devices in the DuraSled.

\*Included with bundle

Vehicle Charging Dock



The Vehicle Charging Dock is a mounted charger for the DuraSled that provides users the freedom to charge their scanner and phone while on the go.

6 Bay Charger



The 6 Bay Charger charges multiple DuraSled devices within a single docking station. This desktop solution is perfect for large offices, conference rooms, vehicle fleets, and other applications requiring mass charging of multiple DuraSleds.

\*Not compatible with the iPhone 6/7/8 Plus, Xs Max and 11 Pro Max

# PHYSICAL CHARACTERISTICS

Dimensions	DuraSled for iPhone 6/7/8	Weight: 4.2 oz (118.5 g) Size: L 6.55" x H 1.12" x W 2.81" (166.4 x 28.4 x 71.4mm)
	DuraSled for iPhone 6/7/8 Plus/ Xs Max/11 Pro Max	Weight: 4.6 oz (130 g) Size: L 6.55" x H 1.12" x W 2.81" (166.4 x 28.4 x 71.4mm)
	DuraSled for iPhone XR/11	Weight: 4.2 oz (118.5 g) Size: L 7.04" x H 1.16" x W 3.14" (178.82mm x 29.4mm x 79.76mm)
	DuraSled for iPhone X/Xs/11 Pro	Weight: 4.2 oz (118.5 g) Size: L 6.75" x H 1.13" x W 2.95" (171.5mm x 28.7mm x 74.9mm)
	DuraSled for iPod touch 5 <sup>th</sup> /6 <sup>th</sup> /7 <sup>th</sup> Generation	Weight: 3.08 oz (87 g) Size: L x H x W 5.4" x .67" x 2.4" (137.6 x 17.02 x 60.0mm)
	Charging Dock	Weight: 16.9 oz (478.5g) Size: 7.33"x 1.12" x 3.23" (186.2 x 28.4 x 82.0mm)
	USB 2.0 Cable	1.2 meters (3'9")
LEDs	Scan LED: Green and Red Bluetooth LED: Blue	
Buttons	Scan Button: Scan Power Button: On/Off	

## SCANNER TYPE

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:	8 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

**Default Barcode Symbologies:**

**1D Symbologies:** Codabar, Code 39, Code 93, Code 128, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC-A, UPC-E, UPC-E1

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

**Postal Codes:** USPS 4CB/One Code/Intelligent Mail

**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-39, Discrete 2 of 5, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, Inverse 1D, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC-A, UPC E/E-1

**2D Symbologies:** Aztec, Data Matrix, Han Xin, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code

**Postal Codes:** Australia Post, Japan Postal, Netherlands KIX Code, UK Postal, UPU FICS Postal, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail

**Scan Angle:**

42° (Horizontal) - 28° (Vertical)

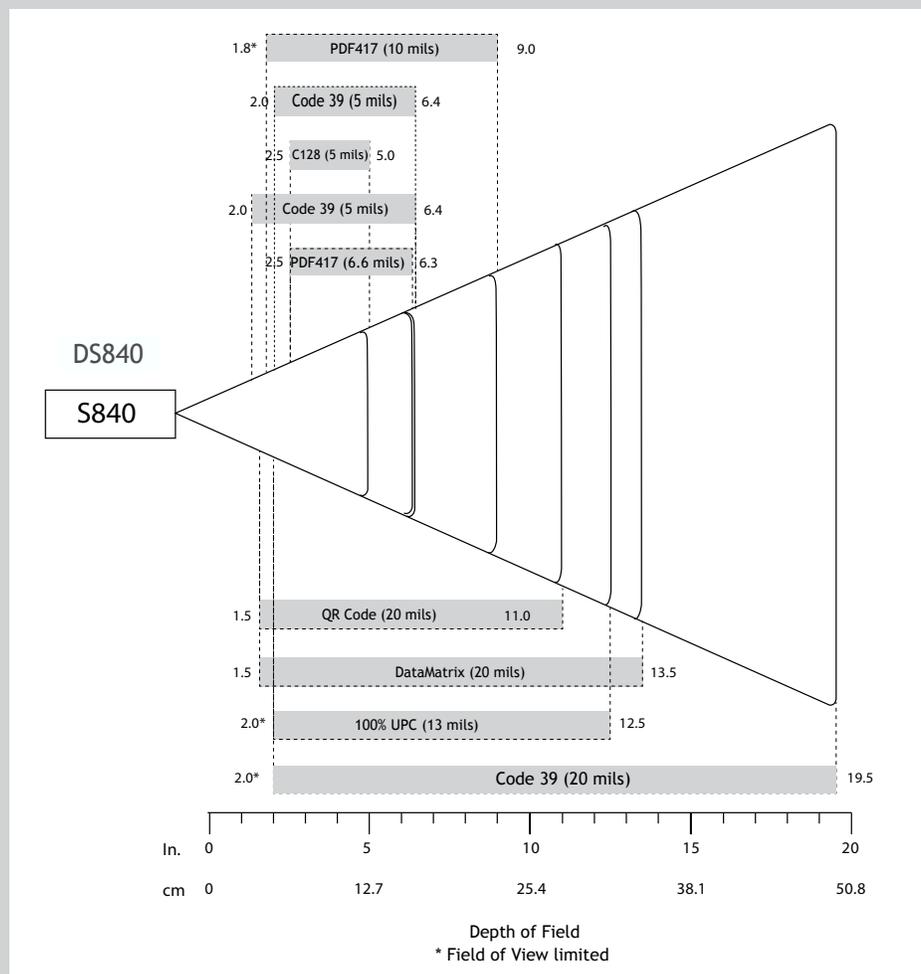
**Sensor Resolution:**

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,

**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

# 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

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

CMIT ID: 6514A-RN42

Telec ID: 201-125709



## WARRANTY

Scanner: Standard one year limited warranty

Accessories: 90 days

Extended Warranty: [www.socketmobile.com/socketcare](http://www.socketmobile.com/socketcare)  
(sold separately)



## COMMON USES

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

[socketmobile.com](http://socketmobile.com)

[sales@socketmobile.com](mailto: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: +41 62 834 07 80

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