



# DuraSled™ DS840

## For Apple®:

- iPhone 6, 7, 8 Series and SE 2020
- iPhone XR/X/Xs/Xs Max
- iPod touch 5th/6th/7th Generation
- iPhone 11/11 Pro/11 Pro Max,
- iPhone 12/12 Pro/12 Pro Max, 12 Mini

## Universal Barcode Scanning Sled

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. It is easy-to-use and ideal for delivery services, asset tracking, ticketing, and other application-driven mobile solutions. Its rugged case protects phones from drop damage and provides a robust, versatile charging solution suitable for all workplace environments. Simply insert your iPhone/iPod, pair your scanner and you are ready to go.

DuraSled supports iPhone 6, 7, 8, iPhone X series, SE 2020, and the entire iPhone 11 and 12 series. This makes it easy for workers to mix and match DuraSled™ solutions for iPhones, all while using the same accessories and application. The core components don't change when switching to a new iPhone model, enabling users to maintain their mobile deployment investments for a relevant number of years.

The Capture SDK enables easy integration into native, and/or web-based applications that use scanning to enhance the productivity of workers using iPhones.



Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch® devices).

**NOTE: iPhone/iPod NOT included**

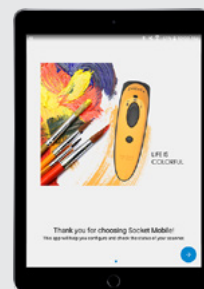
## Features

- **Bluetooth Wireless Technology** - Connects easily to iPhone or iPod Bluetooth devices
- **Compatibility** - Certified by Apple® for iOS devices to assure compatibility. Supports HID keyboard emulation to work with any application out of the box. Socket Mobile's SDK is integrated in over 700+ applications, and our scanners are one of the most natively integrated scanners available. With Socket Mobile's SM Keyboard, enjoy rapid reliable barcode scanning without needing to switch between modes.
- **Scanning** - Fast 2D, 1D and omni-directional ability, allowing intuitively rapid barcode scanning with highly visible and safe LED aimer
- **LED Aimer** - Bright, rectangular illumination field with LED dot for precise aiming
- **Scanner Feedback** - Scanner provides audible scan tones, hand pulsation and Bluetooth indicators
- **Long Lasting Replaceable Battery** - Power to last over 9 hours and battery is field replaceable
- **One-Handed Operation** - Insert the iPhone/iPod for a one-handed scanning solution.
- **Interchangeable Scanner** - Barcode scanner can be used separately, attached to a different iPhone/iPod, or inserted into any model DuraSled (Case Only).
- **Interchangeable Accessories** - All accessories for all DuraSleds models are the same
- **Protective material** - Elastomeric (rubber) case protects both the Apple device and scanner.
- **Integrates connectors from both devices directly into the case for dual charging.**
- **Features magnetic contacts for ease of docking.**
- **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.
- **Designed and made in USA.**

- DS840 for iPhone or iPod touch

**Available Bundles come with:**

- DS840 with Charging Dock
- DS840 with 6 Bay Charger



Download Socket Mobile Companion app for easy pairing, product registration and more!

**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.

**\*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.

\*Included with bundle

**Common Uses**

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

Dimensions	DuraSled for iPhone 6/7/8/SE 2020	Weight: ~4.2 oz (113.5g) 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 (113.5g) Size: L 7.04" x H 1.16" x W 3.14" (178.82mm x 29.4mm x 79.76mm)
	DuraSled for iPhone XR/11	Weight: ~4.2 oz (113.5g) Size: L 6.75" x H 1.13" x W 2.95" (171.5mm x 28.7mm x 74.9mm)
	DuraSled for iPhone X/Xs/11 Pro	Weight: ~4.2 oz (113.5g) Size: L 6.55" x H 1.12" x W 2.81" (166.4 x 28.4 x 71.4mm)
	DuraSled for iPhone 12 Pro Max	Weight: ~4.6 oz (113.5g) Size: L x6.33" H x 3.07" W x 0.29" (160.8 x 78.1 x 7.4 mm)
	DuraSled for iPhone 12 Mini	Weight: ~4 oz (113.5g) Size: L 5.18" x H 2.53" x W 0.29" (131.5 x 64.2 x 7.4 mm)
	DuraSled for iPhone 12/12 Pro	Weight: ~4.2 oz (113.5g) Size: L 5.78" x H 2.81" x W 0.29" (146.7 x 71.5 x 7.4 mm)
	DuraSled for iPod touch 5 <sup>th</sup> /6 <sup>th</sup> /7 <sup>th</sup> Generation	Weight: ~2.88 oz (82g) Size: L 5.4" x H .67" x W 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	



Type of Battery:	Lithium Ion Polymer- rechargeable field replaceable battery
Charge Time:	8 Hours
Battery Life:	500 charge-discharge cycles
Battery 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) 9,000 scans within 10 hours (based on 1 scan every 4 seconds)
Note:	<i>Battery life varies depending on ambient temperature, ambient light, age of battery, etc.</i>
Number of Batteries Used:	1
Weight of battery:	12.5g
Percentage Lithium:	36%
Battery mAh:	700 mAh
Number of cells per battery:	1
Watt Hours per battery:	2.59
Type of Cell ( ex. AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium - polymer
Lithium Content:	14g
Battery Voltage:	3.7v
Hazmat UN Number:	UN3481, P.I. 967
ROHS Compliance Indicator:	Yes, Included with Scanner
Country of Origin:	China
Commodity Code:	8507.60.0000

## Scanner Type

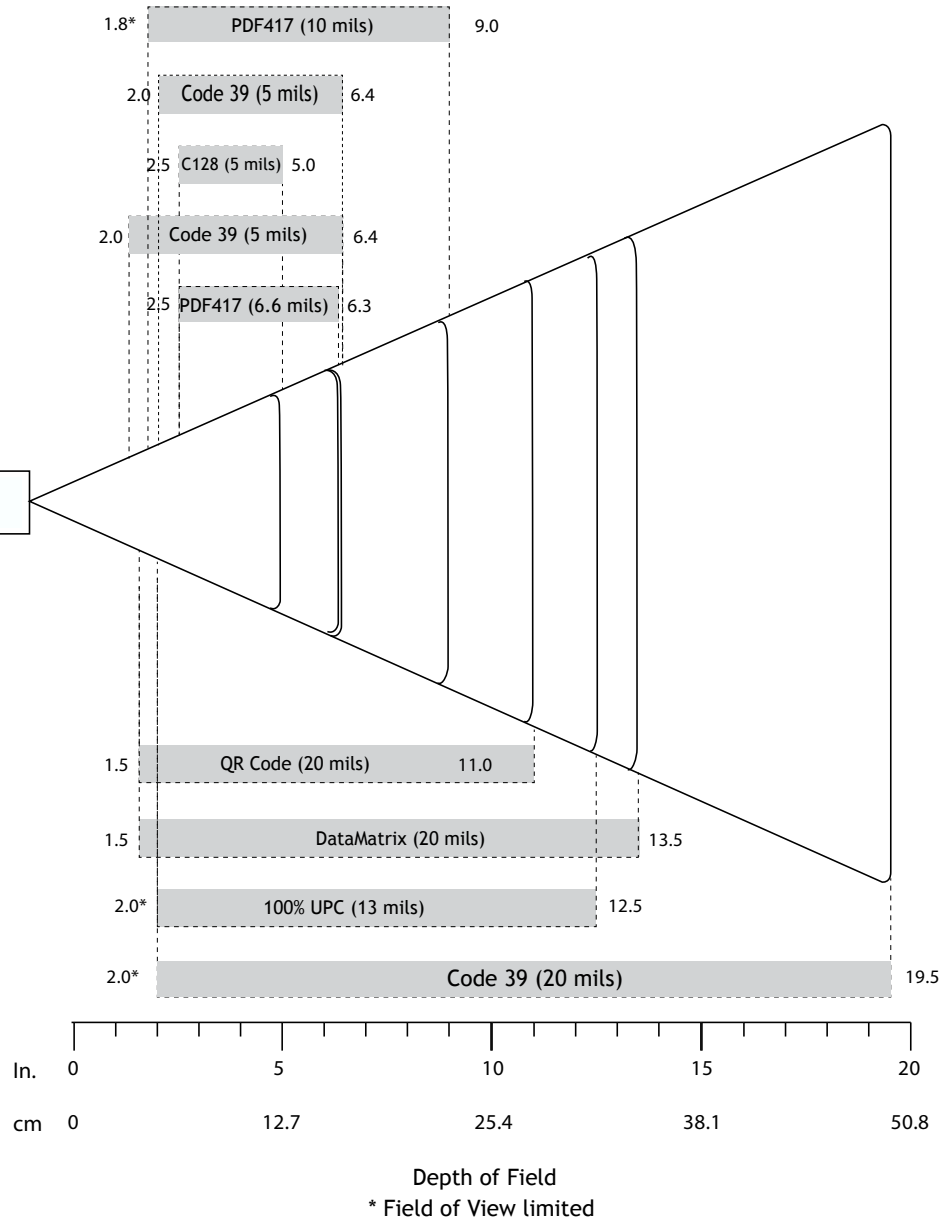
Technology:	2D/1D Barcode Imager
Lightsources:	1 hyper red 660 nm (nanometer) LED
Aimer:	610 nm LED

## Scanning Performance

Default Barcode Symbologies:	<b>1D Symbologies:</b> 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  <b>2D Symbologies:</b> Aztec, Data Matrix, Maxicode, Micro QR Code, Micro PDF417, PDF417, QR Code  <b>Postal Codes:</b> USPS 4CB/One Code/Intelligent Mail
Supported Barcode Symbologies:	<b>1D Symbologies:</b> 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  <b>2D Symbologies:</b> Aztec, Data Matrix, Han Xin, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code  <b>Postal Codes:</b> 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:

**DS840**



3.8 to 49.5 cm (1.5 to 19.5 in.) Depends on barcode size, symbology, label media, 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

## 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

## Apple iOS: Basic Mode (HID)\* & App Mode (MFi-SPP)

Compatible with devices supporting Basic Mode (HID)\* protocol

Supported keyboard languages - ANSI, English UK, English, French, German, Italian, Japanese, Polish, Spanish and Swedish

*\*By default, the factory settings of the Socket Mobile Scanners are set to Basic Mode (keyboard emulation: HID). In order to use the scanner with an application using Capture SDK, the scanner must be configured in App Mode (Bluetooth Serial Port Profile: SPP).*

## 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)*and App 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>

## 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

DuraSled	Standard one year limited warranty
Charging Accessories:	Standard one year limited warranty
Other Accessories:	Cables, wrist strap - 90 day limited warranty
Extended Warranty: (sold separately)	<a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a>



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