



2D/1D Imager  
Barcode Scanner



# DURASLED™ DS800

For Apple® iPhone 6/7/8, SE 2020, XR/X/Xs, 11/11 Pro, 6/7/8 Plus, Xs Max, 11 Pro Max and iPod touch 5th/6th/7th Generation

The DuraSled™ DS800 is a 1D barcode scanning sled with Bluetooth® wireless technology for Apple iPhones and iPods. The sled protects devices from tumbles, 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, SE 2020, iPhone X series and the entire iPhone 11 series. Users can maintain their mobile deployment investments for a relevant number of years.



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



## 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 and allows fast charging of the sled and charges the scanner simultaneously.
- Features magnetic contacts for ease of docking.
- Designed & made in USA.

- (1) DS800 for iPhone 6/7/8, SE 2020, XR/X/Xs, 11/11 Pro or iPhone 6/7/8 Plus, Xs Max, 11 Pro Max or iPod touch 5th/6th/7th generation
- (1) GDS® Charging Dock
- (1) USB Cable



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.

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.

Retail	Hospitality
Healthcare	Life Sciences
Logistics	Automotive

## PHYSICAL CHARACTERISTICS

Dimensions	DuraSled for iPhone 6/7/8/SE 2020	Weight: 4 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 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 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 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 iPod touch 5 <sup>th</sup> /6 <sup>th</sup> /7 <sup>th</sup> Generation	Weight: 2.88 oz (82g) 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	

## BATTERY

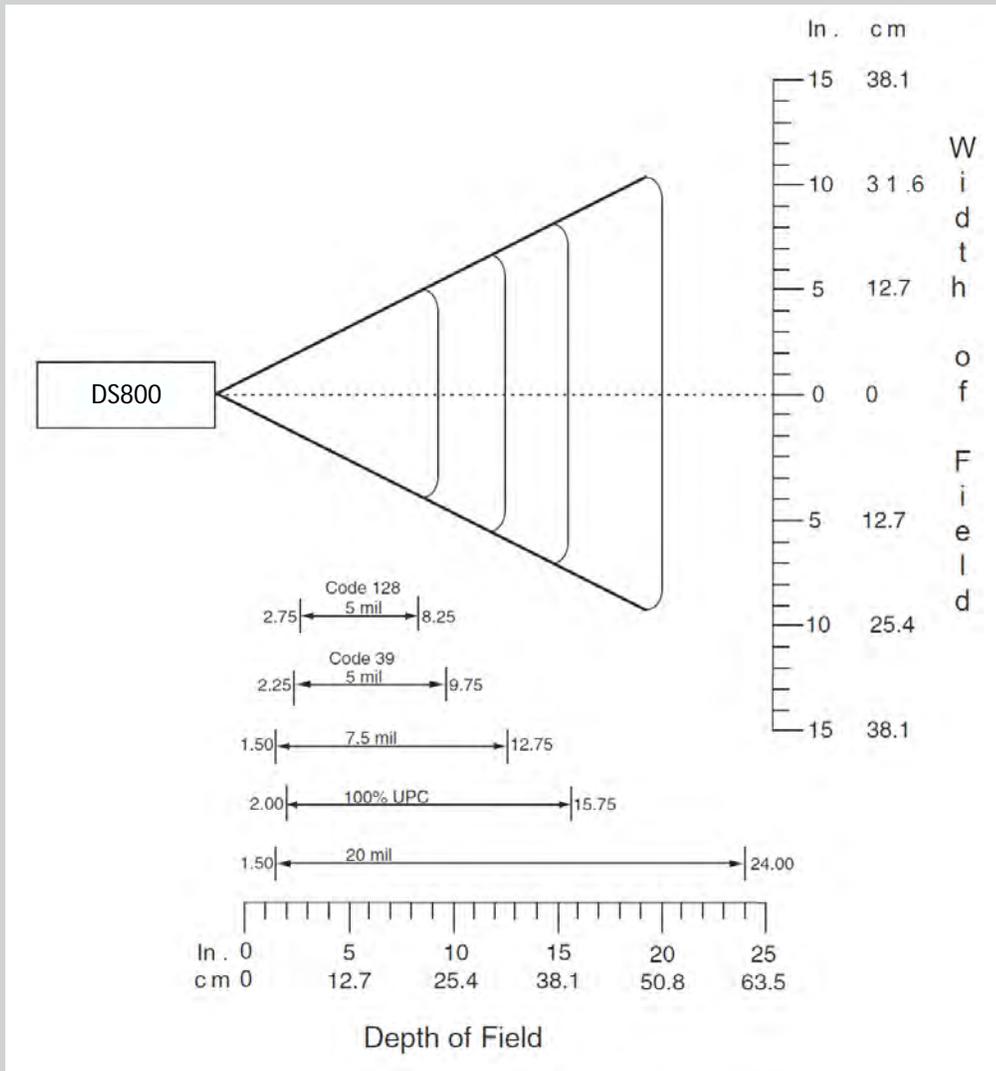
Type of Battery:	Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life: Per Full Charge:	Standby time: 21 hours Active Scan Time: 8,000 scans within 9 hours (based on 1 scan every 4 seconds) 49,000 scans within 4 hours (based on 2 scans every second)
Note:	Battery life varies depending on ambient temperature, ambient light, age of battery, etc.
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:	1D Barcode Linear Imager
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Default Barcode Symbologies:	Code 39, Code 128, EAN-8, EAN-13, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, Interleaved 2 Of 5, ISBT 128, UPC-A, UPC-E, UPC-E1
Supported Barcode Symbologies:	<b>1D Symbologies:</b> Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 Of 5, EAN-8, EAN 13, GS1-128, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, Interleaved 2 Of 5, Inverse 1D, ISBT 128, Matrix 2 Of 5, MSI, UPC-A, UPC-E/E1
Scan Angle:	53.3" ± 3"
Optical Resolution:	5 mil minimum
Print Contrast:	20% minimum

Reading Distance:



1D codes 5.7 to 50.8 cm (2.25 to 20 in) Resolution Depends on symbol size, symbology, label media, scan angle

Decode Ranges:

	Near	Far
5 mil Code 128	2.75 in/6.99 cm	8.25 in/20.95 cm
5 mil Code 39	2.25 in/5.72 cm	9.75 in/24.77 cm
7.5 mil	1.50 in/3.81 cm	12.75 in/32.39 cm
100% UPC	2.00 in/5.08 cm	15.75 in/40.01 cm
20 mil	1.50 in/3.81 cm*	24.00 in/60.96 cm

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:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP40 (5% to 95% non-condensing)
Drop Specifications:	Multiple 3.3 ft. drops to vinyl covered concrete

## OPERATING SYSTEM COMPATIBILITY

Apple iOS: Basic Mode (HID)\* & App Mode (MFi-SPP) / Mac OS: Basic Mode (HID)\* only

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).*

# iOS

# iPadOS

# macOS

## 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 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>

## CERTIFICATION & REGULATORY

Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	RoHS
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC
LED Safety:	IEC 60825-1, EN 60825-1



## WARRANTY

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



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