



# DURASLED™ DS840

## 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™ 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, SE 2020, iPhone X series and the entire iPhone 11 series.



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 for dual charging.
- Features magnetic contacts for ease of docking.
- Designed & made in USA.

# DURASLED & CHARGING DOCK BUNDLE

- (1) DS840 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           | Point of Sale  |
| Logistics            | Life Sciences         | Automotive     |
| Healthcare           | Inventory             | Transportation |
| Warehouse Management | Field Sales & Service |                |

## PHYSICAL CHARACTERISTICS

|            |  |   |
|------------|--|---|
| Dimensions | DuraSled for iPhone 6/7/8/SE 2020  | Weight: 4.2 oz (118.5 g)<br>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)<br>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 (118.5 g)<br>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 (118.5 g)<br>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: 3.08 oz (87 g)<br>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)<br>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<br>Bluetooth LED: Blue                                       |   |
| Buttons    | Scan Button: Scan<br>Power Button: On/Off  |   |

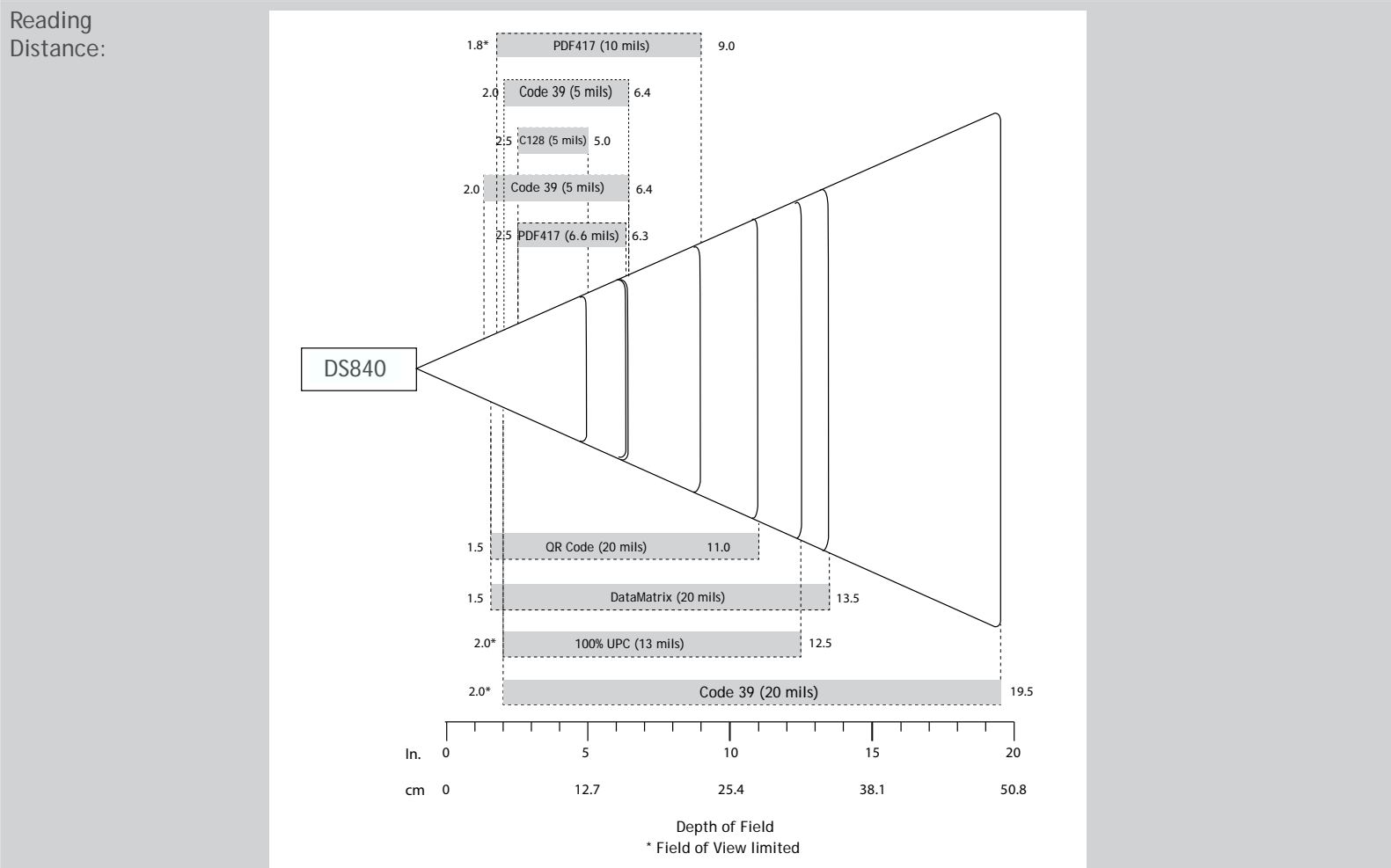
## BATTERY

|                                      |   |
|--------------------------------------|---|
| Type of Battery:                     | Lithium Ion Polymer- rechargeable battery   |
| Charge Time:                         | 8 Hours   |
| Battery Life:<br>Per Full Charge:    | Standby time: 25 hours<br>Active Scan Time - 34,000 scans within 3 hours (based on 2 scans every 1 second)<br>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.   |
| 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 Linear Imager        |
| Lightsources: | 1 hyper red 660 nm (nanometer) LED |
| Aimer:        | 610 nm LED                         |

|                                |  |
|--------------------------------|--|
| Default Barcode Symbologies:   | <p><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</p> <p><b>2D Symbologies:</b> Aztec, Data Matrix, Maxicode, Micro QR Code, Micro PDF417, PDF417, QR Code</p> <p><b>Postal Codes:</b> USPS 4CB/One Code/Intelligent Mail</p>   |
| Supported Barcode Symbologies: | <p><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</p> <p><b>2D Symbologies:</b> Aztec, Data Matrix, Han Xin, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code</p> <p><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</p> |
| Scan Angle:                    | 42° (Horizontal) - 28° (Vertical)  |
| Sensor Resolution:             | 640 horizontal x 400 vertical pixels   |
| Print Contrast:                | Down to 25%  |



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 |

|                        |   |
|------------------------|---|
| Ambient Light:         | From 0 to 100,000 lux<br>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 |

## 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 App Mode - MFi-SPP.<br>Some Operating Systems or smartphone/tablet models may support only one profile.<br><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)<br>FCC ID: T9J-RN42<br>CMIIT ID: 6514A-RN42<br>Telec ID:  201-125709 |



## WARRANTY

|   |  |
|---|--|
| Scanner:                                | Standard one year limited warranty   |
| Accessories:                            | 90 days  |
| Extended Warranty:<br>(sold separately) | <a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a> |



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