

1D BARCODES, 2D BARCODES, POSTAL CODES

## DuraSled DS840 for Apple

Durable Performance 1D/2D Barcode Sled Scanner

**Drop Protection** | **High-Volume Scanning**  
**Scans on Screen**

The DS840 is a universal barcode sled scanner for 1D/2D barcodes, with Bluetooth wireless technology for Apple iPhones.



### Fits:

- iPhone 16e
- iPhone 15

See our [outlet store](#) for additional models.

The DuraSled DS840 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 durable case protects phones from drop damage and provides a robust, versatile charging solution suitable for all workplace environments. Simply insert your iPhone, pair your scanner and you are ready to go.

This makes it easy for workers to mix and match DuraSled™ solutions for iPhones, all while using the same accessories and SDK. 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 CaptureSDK enables easy integration into native and/or web-based applications that use scanning to enhance the productivity of workers using iPhones.

**Note:** Apple phones are not included with the DS840 Sled Scanner. [Charging cable/adaptor](#) sold separately.

## Available in the following bundles

- **DS840 + [Charging Dock](#)** – Connect your DuraSled to the charging dock to charge your scanner and mobile device simultaneously.
- **DS840 + [6-Bay Charger](#)** – Charge up to six separate DuraSleds and DuraScan 800 Series scanners at the same time for the ultimate convenience.

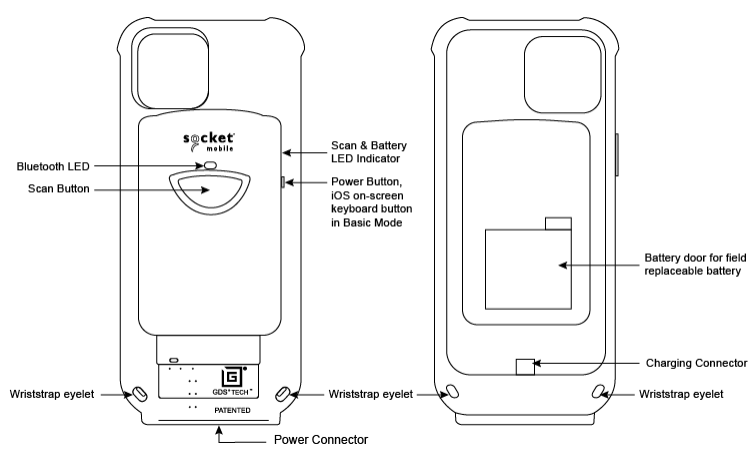
### Features

- **Rapid Scanning** — Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- **Durable Casing** — Rubber material for increased protection from drops.
- **Long-Lasting Battery** — Scanner features rechargeable and field-replaceable battery that lasts a full shift.
- **Bluetooth Classic Wireless Integration** — Dependable Bluetooth connection to host devices.
- **Intuitive User Indicators** — [LED lights](#) that indicate successful scanning and battery charging status.
- **Easy App 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. Data reader works out of the box for apps that have already integrated CaptureSDK.
- **Developer Support** — Our support team is available to assist with set-up and operation.
- **1-Year Warranty Included** — [Extended warranty](#) options also available.
- **Designed and Assembled in the USA** — All socket mobile data readers are built at our headquarters in Fremont, CA.

### Dimensions

DuraSled for iPhone 16e	Weight: ~4.2 oz (113.5g) Size: L 5.77" x H 2.82 x W.31 (147.6 x 71.6 x 7.8mm)
DuraSled for iPhone 15	Weight: ~4.2 oz (113.5g) Size: L 5.77" x H 2.82 x W.31 (147.6 x 71.6 x 7.8mm)
Charging Dock	Weight: 16.9 oz (478.5 g) Size: 7.33"x 1.12" x 3.23" (186.2 x 28.4 x 82.0mm)
USB 2.0 Cable	Weight: ~2.72 oz (77.1 g) Cable Length: 1.2 Meters

External Control



Reading Performance

Default Barcode Symbologies

- **1D Symbologies:** Codabar, Code 39, Code 93, Code 128, EAN-13, EAN-8, Interleaved 2 of 5, ISBT 128, UPC A, UPC E1
- **2D Symbologies:** Data Matrix, Micro QR Code, PDF417, QR Code

Supported Barcode Symbologies

- **1D Symbologies:** Chinese 2 of 5, Codabar, Code 11, Code 16KCode 39, Code 93, Code 128, Discrete 2 of 5, EAN-13, EAN-8, GS1 Databar, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI Plessey, UPC A, UPC E1, Standard 2 of 5, UK Plessey
- **2D Symbologies:** Aztec, Data Matrix, Han Xin, Micro PDF417, Micro QR Code, PDF417, QR Code

Learn [how to enable and disable](#) data types.

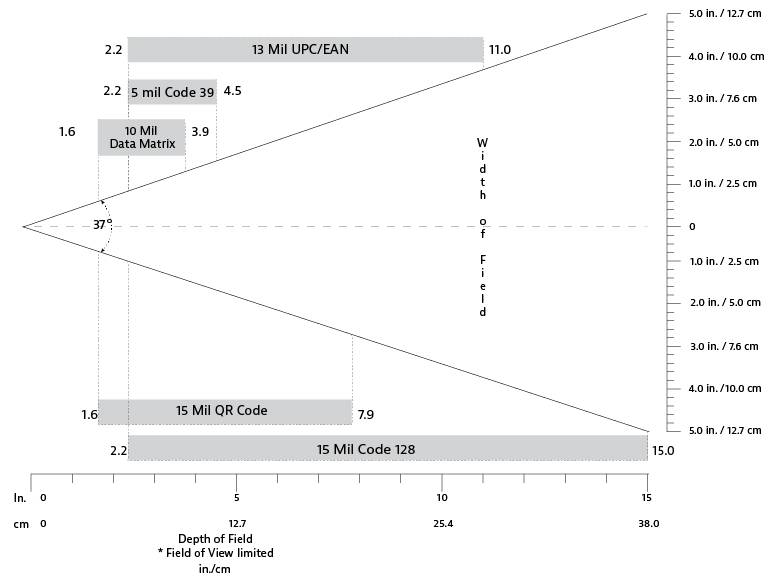
Print Contrast	Down to 25%-20%
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**Scan Angle** 44.5° (Horizontal) - 33.5° (Vertical)

**Sensor Resolution** 1280 horizontal x 960 vertical pixels

3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media

**Reading Distance**



3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media.

		Near	Far
Decode Ranges	5 mil Code 39	2.2 in/5.5 cm	4.5 in/11.5 cm
	10 mil DataMatrix	1.6 in/4.0 cm	3.9 inc/10.0 cm
	13 Mil UPC/EAN	2.2 in/5.5 cm	11.0 in/28.0 cm
	15 Mil Code 128	2.2 in/5.5 cm	15.0 in/38.0 cm
	15 mil QR Code	1.6 in/4.0 cm	7.9 inc/20.0 cm

**Battery Information**

**Battery Type** 1 rechargeable Lithium Ion Polymer (replaceable battery)

**Charge Time** 8 Hours

**Life of battery** 500 charge-discharge cycles

**Life per full charge**      **Standby time:** 25 hours  
**Active Scan Time:** 10,000 scans within 11 hours (based on one scan every 4 seconds)  
*Note: Battery life varies depending on ambient temperature, ambient light, and the age of the battery.*

**Battery weight**      12.5g

**Percentage lithium**      36.3%

**mAh**      700

**Cells per battery**      1

**Watts per battery**      2.59

**Cell type**      Proprietary

**Chemical composition**      Lithium - polymer

**Lithium content**      4.5g

**Voltage**      3.7v

**Hazmat UN Number**      UN3481, P.I. 967

**ROHS Compliance**      Yes, Included with Scanner

**Country of origin**      China

**Commodity code**      8507.60.0000

## Bluetooth Information

- Bluetooth Profiles**
- **Basic Mode** - Human Interface Device (HID)
  - **Application Mode** - Serial Port Profile (SPP)
  - **iOS Application Mode** (Default)

Some Operating Systems or smartphone/tablet models may support only one profile.

**Bluetooth Radio**      Class 2 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption

**Bluetooth  
Range**

Up to 10 meters (33 ft.), depending on the environment. The range limit is usually due to the Host Device (phone, tablet, or notebook).

## Operating Systems



## Common Uses

- Retail Solutions
- Travel & Hospitality Solutions
- Logistics Management
- Healthcare Solutions
- Track & Trace
- Inspections & Audits
- Education Solutions
- Mobile Delivery Services
- Food Handling

## User Environments

**Ambient Light**

From 0 to 100 000 lux. From pitch black to direct sunlight.

**Charging  
Temperature**

Charging in an ambient temperature above 40° C / 100° F may result in charging issues.

**Operating  
Temperature**

0° to 45° C (32° to 113° F)

**Relative Humidity**

95% at 60° C (140° F) (non-condensing)

**Storage Temperature**

-40° to 70° C (-40° to 158° F)

## Tumble Specification

2,500 cycles at 3.3 ft. (1 m) to a metal plate, IEC6008-2-31, IEC60068-2-32 3.

## 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 compliant

### EMI / RFI:

- FCC Part 15 Class CRSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024

### LED Safety:

- IEC/EN 62471 (Exempt Group)
- FCC ID: LUBMA41
- IC ID: 2529A-MA41S8
- Telec ID: R 201-125709



## Product SKUs

### DuraSled (Charger sold separately)

- CX4393-3533 - iPhone 16e

- CX4223-3305 - iPhone 15

#### **DuraSled w/ Single Charging Dock**

- CX4388-3528 - iPhone 16e
- CX4218-3300 - iPhone 15

#### **DuraSled w/ 6 Bay Charger**

- CX4391-3531 - iPhone 16e
- CX4221-3303 - iPhone 15



