

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 16/15

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/adapter](#) sold separately.

Available in the following bundles

- **DS840 + iPhone 16e** – Includes a factory-new iPhone 16e to create a durable, comprehensive data capture solution for demanding environments.
- **DS840 + Charging Dock** – Charge your reader 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 data read/write 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, with support for Bluetooth LE devices.
- **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)

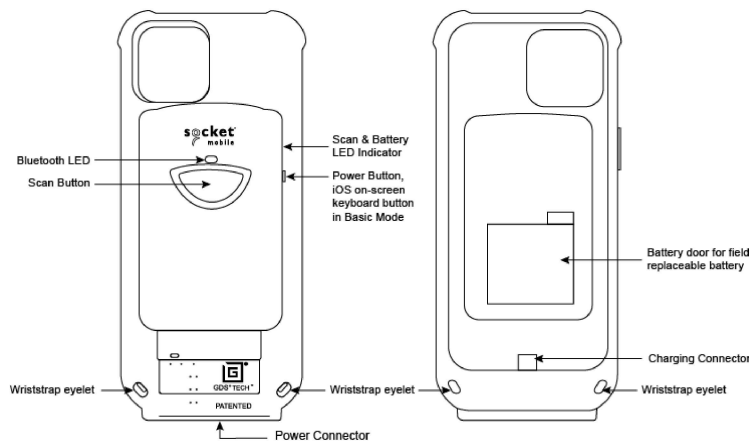
Charging Dock

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:** Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Gs1 128, Gs1 Databar Expanded, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Interleaved 2 5, Isbt 128 Udi, Trioptic, Upc A, Upc E
- **2D Symbologies:** Aztec, Composite, Data Matrix, Han Xin, Maxicode, Micropdf417, Micro Qr, Pdf417, Qr

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

Supported Barcode Symbologies

- **1D Symbologies:** Code 11, Matrix 2 5, Msi
- **Postal Codes:** Australia Post, Japan Postal, Mailmark, Netherlands Kix, Uk Postal, Us Planet, Us Postnet, Usps 4Cb One Intelligent Mail

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

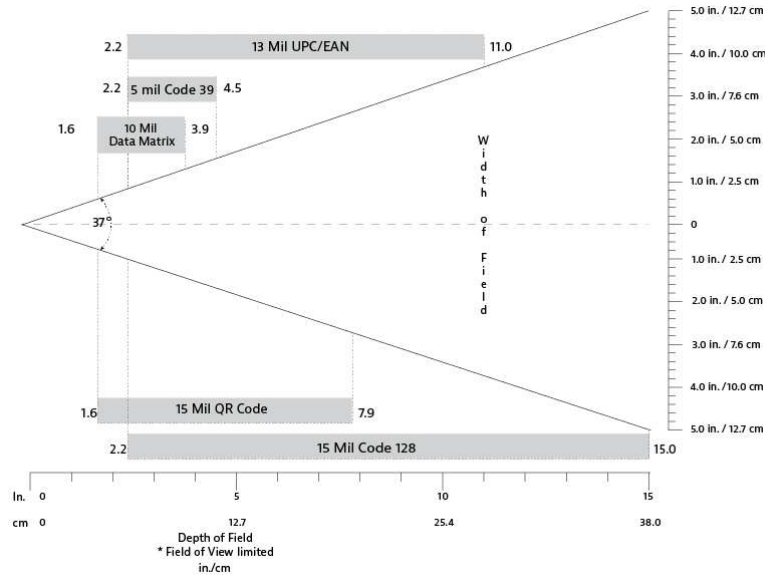
Print Contrast Down to 25%-20%

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

- **CX4562-3804** - DS840 (iPhone 16/15), Black, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4560-3802** - DS840 (iPhone 16/15), Black, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4560-3802** - DS840 (iPhone 16/15), Black, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)

- **CX4563-3805** - DS840 (iPhone 16/15), Black, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4559-3801** - DS840 (iPhone 16/15), Black, Charging Dock
- **CX4564-3806** - DS840 (iPhone 16/15), Black, Sled Scanner Only
- **CX4391-3531** - DS840 (iPhone 16e), Black, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4389-3529** - DS840 (iPhone 16e), Black, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4390-3530** - DS840 (iPhone 16e), Black, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4392-3532** - DS840 (iPhone 16e), Black, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4388-3528** - DS840 (iPhone 16e), Black, Charging Dock
- **CX4393-3533** - DS840 (iPhone 16e), Black, Sled Scanner Only

- **CX4304-3435** - DS840 (iPhone 16/15), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4303-3434** - DS840 (iPhone 16/15), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4305-3436** - DS840 (iPhone 16/15), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4302-3433** - DS840 (iPhone 16/15), Cloud, 6 Scanner Units w/ 6-Bay Charging Dock (Australia)
- **CX4301-3432** - DS840 (iPhone 16/15), Cloud, Charging Dock
- **CX4306-3437** - DS840 (iPhone 16/15), Cloud, Sled Scanner Only
- **CX4508-3719** - DS840 (iPhone 16e), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4506-3717** - DS840 (iPhone 16e), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4507-3718** - DS840 (iPhone 16e), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4509-3720** - DS840 (iPhone 16e), Cloud, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4505-3716** - DS840 (iPhone 16e), Cloud, Charging Dock
- **CX4510-3721** - DS840 (iPhone 16e), Cloud, Sled Scanner Only

