

1D BARCODES, 2D BARCODES, MRZ OCR FONTS, POSTAL CODES

DuraSled DS860 for Apple

Durable Professional 1D/2D/MRZ Barcode Sled Scanner

Drop Protection | Passport Reader | Scans on Screen

The DS860 is a barcode sled scanner for 1D/2D barcodes and travel identification reading, with Bluetooth wireless technology for Apple® iPhones®.

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Fits:

- iPhone 17e/16e
- iPhone 16/15

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

The DuraSled DS860 scans 1D and 2D barcodes, OCR A & B fonts, OCR USC, OCR passport, OCR MICR (E13B) fonts, and DotCode while the sled protects devices from tumbles. It is easy to use and ideal for the travel industry, retail point of sale, field service, or mobile service workers. Simply insert your iPhone, 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 the same DuraSled charging infrastructure. The core components don't change when switching to a new iPhone model, enabling users to maintain their mobile deployment investment. The sled creates a one-handed solution that will allow merchants to scan the barcodes of products and the passports of consumers with one device.

Note: Apple phones are not included with the DS860 Sled Scanner. [Charging cable/adapter](#) sold separately.

Available in the following bundles

- **DS860 + iPhone 17e** – Includes a factory-new iPhone 17e to create a durable, comprehensive data capture solution for demanding environments.
- **DS860 + Charging Dock** – Charge your reader and mobile device simultaneously.

- **DS860 + 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 scanning of printed and on-screen 1D, 2D, & MRZ 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 CaptureSDK (version 2.0.29 or higher) 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:** Socket mobile data readers are built at our headquarters in Fremont, CA.

Packaging

Data Reader with Charging Cable

- Data Reader
- Wrist Strap
- Charging Cable
- Get Started Guide

Data Reader with Charging Dock

- Data Reader
- Wrist Strap
- Charging Dock (If selected)
- Get Started Guide

Data Reader with 6 Bay Charger

- Data Reader
- Wrist Strap
- 6 Bay Charger (If selected)

- [Get Started Guide](#)

Common Uses

- [Retail Solutions](#)
- [Travel & Hospitality Solutions](#)
- [Logistics Management](#)
- [Healthcare Solutions](#)
- [Track & Trace](#)
- [Inspections & Audits](#)
- [Education Solutions](#)
- [Mobile Delivery Services](#)
- [Inspections & Audits](#)
- [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.

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)

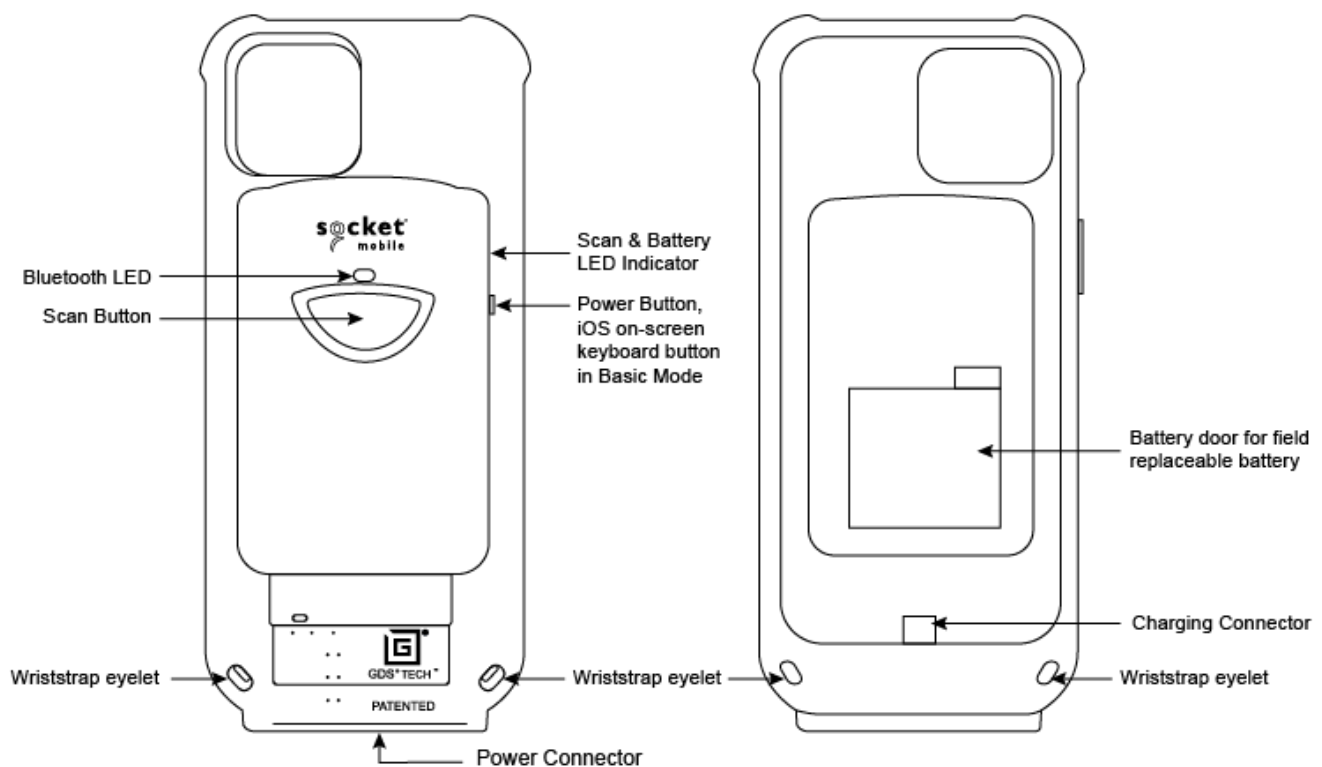
Charging Dock

Weight: ~16.9 oz (478.5g) 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



Operating Systems



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
- **OCR Typeface:** Ocr A, Ocr B

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
- **OCR Typeface:** Micr E13b

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

Print Contrast

Down to 25%-20%

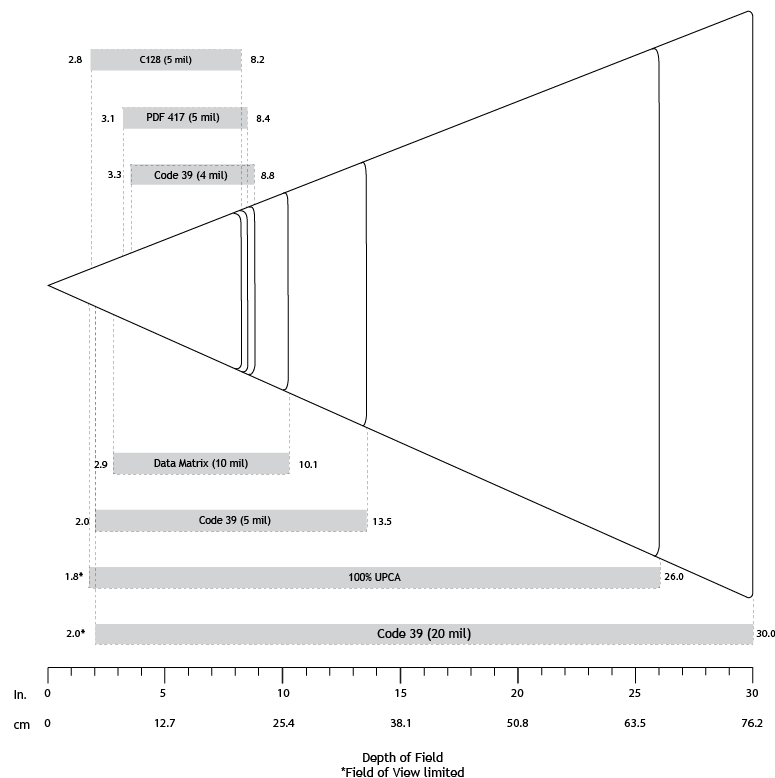
Scan Angle

44.5° (Horizontal) - 33.5° (Vertical)

Sensor Resolution

1280 horizontal x 960 vertical pixels

Reading Distance



4.1 to 91.7 cm (1.6 to 35.1 in.) Depends on barcode size, symbology, label media.

	Near	Far	
Decode Ranges	3 mil Code 39	3.0 in/5.8 cm	7.6 in/14.7 cm
	5 mil Code 128	2.3 in/5.8 cm	9.8 in/24.9 cm
	5 mil PDF 417	3.0 in/7.6 cm	7.9 in/20.1 cm
	6.67 mil PDF 417	2.5 in/6.3 cm	10.1 in/25.7 cm
	10 mil DataMatrix	2.1 in. / 5.3 cm	11.0 in. / 27.8 cm
	100% UPC A	1.6 in/4.1 cm*	24.9 in/63.2 cm
	15 mil Code 128	2.4 in. / 6.1 cm	27.8 in. / 70.6 cm
	20 mil Code 39	1.6 in/4.1 cm*	36.1 in/91.7 cm
	20 mil QR Code	1.1 in. / 2.8cm	17.5 in. / 44.5 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) <i>Note: Battery life varies depending on ambient temperature, ambient light, and the age of the battery.</i>
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
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Voltage	3.7v
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Hazmat UN Number	UN3481, P.I. 967
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ROHS Compliance	Yes, Included with Scanner
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Country of origin	China
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Commodity code	8507.60.0000
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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.
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Bluetooth Radio	Class 2 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
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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).
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Certification & Regulatory

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

- **CX4568-3810** - DS860 (Black), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4566-3808** - DS860 (Black), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4567-3809** - DS860 (Black), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4569-3811** - DS860 (Black), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4565-3807** - DS860 (Black), iPhone 16/15, Charging Dock
- **CX4570-3812** - DS860 (Black), iPhone 16/15, Sled Scanner Only
- **CX4310-3441** - DS860 (Cloud), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4308-3439** - DS860 (Cloud), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4309-3440** - DS860 (Cloud), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4311-3442** - DS860 (Cloud), iPhone 16/15, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4307-3438** - DS860 (Cloud), iPhone 16/15, Charging Dock
- **CX4312-3443** - DS860 (Cloud), iPhone 16/15, Sled Scanner Only
- **CX4397-3537** - DS860 (Black), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4395-3535** - DS860 (Black), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4396-3536** - DS860 (Black), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4398-3538** - DS860 (Black), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4394-3534** - DS860 (Black), iPhone 17e/16e, Charging Dock
- **CX4399-3539** - DS860 (Black), iPhone 17e/16e, Sled Scanner Only
- **CX4514-3725** - DS860 (Cloud), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock
- **CX4512-3723** - DS860 (Cloud), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock (Australia)
- **CX4513-3724** - DS860 (Cloud), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock (Europe)
- **CX4515-3726** - DS860 (Cloud), iPhone 17e/16e, 6 DuraSled Units w/ 6-Bay Charging Dock (United Kingdom)
- **CX4511-3722** - DS860 (Cloud), iPhone 17e/16e, Charging Dock
- **CX4516-3727** - DS860 (Cloud), iPhone 17e/16e, Sled Scanner Only

