



DURASLED™ DS820

For Apple®:

- iPhone 6, 7, 8 Series
- iPhone SE 2020 & 2022 3rd Gen
- iPhone XR
- iPhone 11
- iPhone 12/12 Pro
- iPod touch 5th/6th/7th Generation

Linear Barcode Plus QR Code Scanner

The DuraSled™ DS820 is a linear barcode & QR Code scanner sled for 1D/2D barcodes, with Bluetooth® wireless technology for Apple iPhones and iPods. The DuraSled 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 case protects phones from drop damage and provides simultaneous charging of the scanner and the phone.

The Capture SDK enables easy integration into native, and/or web-based applications that use scanning to enhance the productivity of workers using iPhones.



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

NOTE: iPhone/iPod NOT included

Features

- **Bluetooth Wireless Technology** - Connects easily to iPhone or iPod Bluetooth devices
- **Compatibility** - Certified by Apple® for iOS devices to assure compatibility. Socket Mobile's SDK is integrated in over 700+ applications, and our scanners are one of the most natively integrated scanners available. (Supports HID keyboard emulation to work with any application.)
- **Scanning** – 2D & 1D omni-directional barcode scanning with visible and safe aimer.
- **Scanner Feedback** – Scanner provides audible scan tones, hand pulsation and Bluetooth indicator.
- **Long-Lasting Replaceable Battery** - Power to last a full workday.
- **One-Handed Operation** – Insert the iPhone/iPod for a one-handed scanning solution.
- **Interchangeable Scanner** - All DuraSled accessories are compatible with the entire DuraSled range.
- **Interchangeable Accessories** – All accessories for all DuraSleds models are the same.
- **Protective material** - Elastomeric (rubber) case protects both the Apple device and scanner.
- **Battery Charging** - Integrates connectors from scanner & Apple device for dual charging. Features magnetic contacts for ease of docking.
- **Native App Support** – Socket Mobile's CaptureSDK enables easy native app integration in your applications to improve business productivity.
- **Accessories** - Adapter and Multi-Charger (sold separately or in a bundle).
- **Designed and made in USA**
- **Developer Support Available** - The Socket Mobile development team is available to help integrate CaptureSDK into your app.
- **1-Year Warranty.**

- DS820 for iPhone or iPod touch

Available Bundles come with:

- DS820 with Charging Dock
- DS820 with 6 Bay Charger



**Socket Mobile
Companion App
Download for easy setup!**

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.

***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.

*Included with bundle

COMMON USES

Retail
Logistics
Healthcare
Warehouse Management

Hospitality
Life Sciences
Inventory
Field Sales & Service

Point of Sale
Automotive
Transportation

Dimensions	DuraSled for iPhone 6/7/8/SE 2020 & 2022 3 rd Gen	Weight: ~4.2 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: ~4.6 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: ~4.2 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: ~4.2 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 12 Pro Max	Weight: ~4.6 oz (113.5g) Size: L x6.33" H x 3.07" W x 0.29" (160.8 x 78.1 x 7.4 mm)
	DuraSled for iPhone 12 Mini	Weight: ~4 oz (113.5g) Size: L 5.18" x H 2.53" x W 0.29" (131.5 x 64.2 x 7.4 mm)
	DuraSled for iPhone 12/12 Pro	Weight: ~4.2 oz (113.5g) Size: L 5.78" x H 2.81" x W 0.29" (146.7 x 71.5 x 7.4 mm)
	DuraSled for iPod touch 5 th /6 th /7 th Generation	Weight: ~2.88 oz (82g) Size: L 5.4" x H .67" x W 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	



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

Scan Angle:

44.5° (Horizontal) - 33.5° (Vertical)

Sensor Resolution:

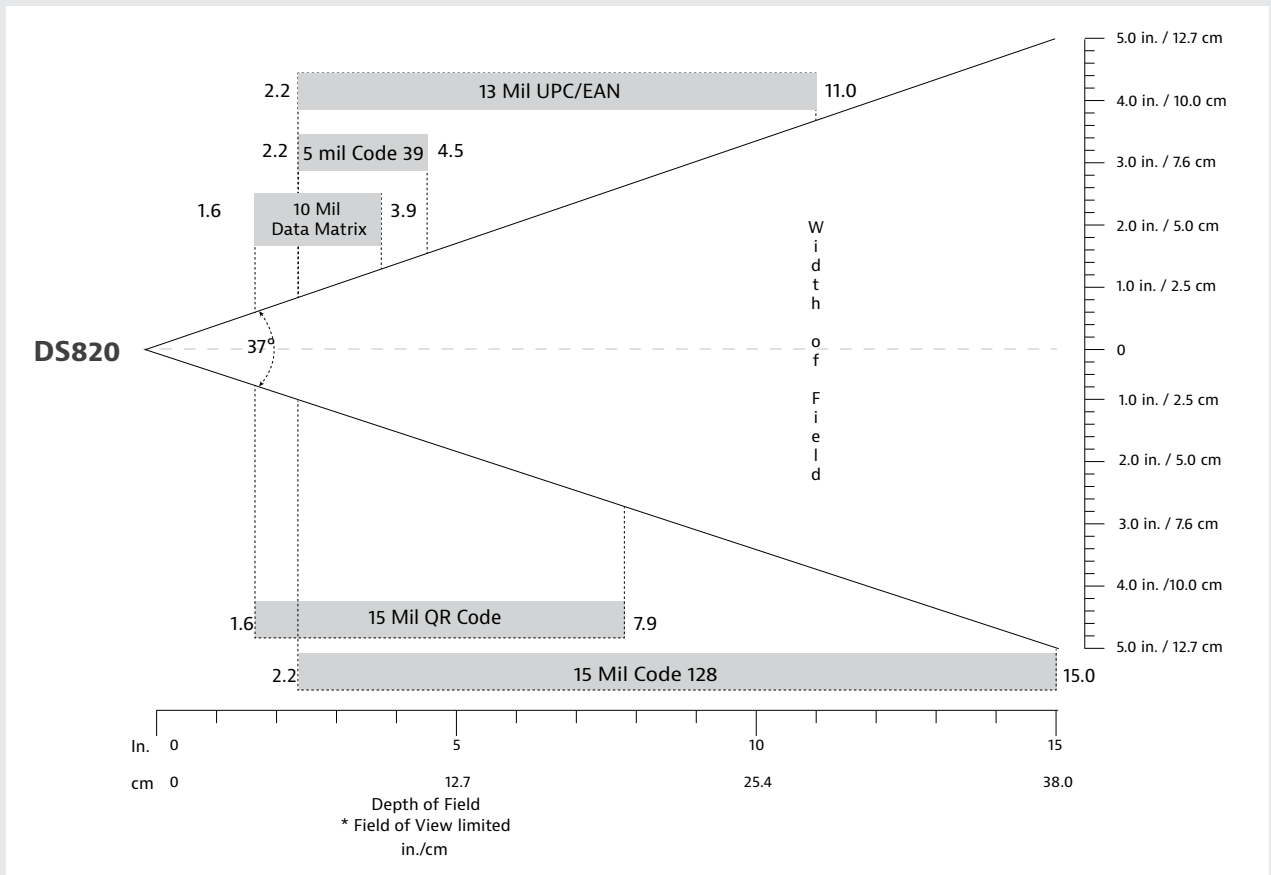
1280 horizontal x 960 vertical pixels

Print Contrast:

Down to 25%

Reading Distance:

4.0 to 38.0 cm (1.6 to 15 in.) Depends on barcode size, symbology, label media



Decode Ranges

	Near	Far
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

Technology:	2D/1D Barcode Imager
Light Source:	LED
Aimer:	Red

BATTERY

Type of Battery:	Lithium Ion Polymer- rechargeable field replaceable battery
Charge Time:	8 Hours
Battery Life:	500 charge-discharge cycles
Battery Per Full Charge:	Standby time: 25 hours Active Scan Time: 34,000 scans within 3 hours (based on 2 scans every 1 second) 9,000 scans within 10 hours (based on 1 scan every 4 seconds)
Note:	<i>Battery life varies depending on ambient temperature, ambient light, age of battery, etc.</i>
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
Battery only - Country of Origin:	China
Commodity Code:	8507.60.0000

USER ENVIRONMENT

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:	5% to 95% (non condensing)
Sealing:	IP40
Drop Specifications:	Multiple drops to vinyl covered concrete at about 3 ft or 1 m

Apple iOS: Basic Mode (HID) & iOS Application Mode*

Compatible with devices supporting Basic Mode (HID) protocol

Supported keyboard languages - ANSI, English UK, English, French, German, Italian, Japanese, Polish, Spanish and Swedish.

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 iOS Application Mode*. Some Operating Systems or smartphone/tablet models may support only one profile. <i>*By default, the scanner is set to iOS Application Mode.</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) FCC ID: LUBMA41 IC ID: 2529A-MA41S8 Telec ID:  201-125709

ISO 9001 Accreditation



WARRANTY

DuraSled	Standard one year limited warranty
Charging Accessories:	Standard one year limited warranty
Other Accessories:	Cables, wrist strap - 90 day limited warranty
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare



socketmobile.com

Worldwide:	+1 510 933 3000
North America:	+1 800 552 3300
EMEA & Russia:	+41 62 834 07 80
France:	+33 (801) 840504
Malaysia (Toll Free)	+60 (1800) 818234

sales@socketmobile.com

Asia Pacific:	+1 510 933 3122
Germany:	+41 62 834 07 80
Switzerland:	+41 62 834 07 80
Switzerland (Toll Free):	+41 (800) 898003
UK/Ireland/South Africa:	+44 (800) 0487363

sales-japan@socketmobile.com

Japan:	+8190 9808 0518
Japan (Toll Free):	+81 (800) 9190303
Latin America:	+1-510-933-3153
Taiwan (Toll Free)	+886 00801491497