



DURASCAN® D800

Thin, Small, Light - Great for one-handed solutions

The DuraScan® D800 is a durable linear barcode scanner with Bluetooth® wireless connection, perfect for 1D barcodes. Users can scan barcodes printed on labels or displayed on screens. Designed for mobility, durability and lasting up to two shifts. The external rubberized material increases drop protection. Easy to use and attachable to a mobile device, it slips neatly into your pocket and fits comfortably in the palm of your hand, enabling one-handed operation. Ideal for retail point of sale, inventory management, sales order entry, field service, and other mobile business applications.



Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch® devices) and compatible with Android and Windows®

Features

- **Bluetooth Wireless Technology** - Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebook and desktop computers [Compatible with iOS, Android and Windows devices with typical Bluetooth range of 10 meters (33 feet).]
- **Certified by Apple® for iOS devices** - Guaranteed Compatibility - With Capture SDK integrated in over 700+ applications, Socket Mobile scanners are one of the most natively integrated scanners available today. Socket Mobile Scanners are also 100% compatible with any application out-of-the-box in HID (keyboard emulation) mode.
- **Scanning** - Reads all common 1D barcodes printed or on screens.
- **Size & Weight** - Measuring a littler over ½ inch (16.76mm) thick and weighing 2.52 ounces (71.5g)
- **User Feedback** - With audible tones, hand pulsation and Bluetooth indicators.
- **Long-Lasting Battery** - Power to last over 16 hours.
- **One-Handed Operation** - Attachable Klip is included.
- **Durable Casing** - Rubber material for increased protection from drops.
- **Protective Material** - Made with antimicrobial material for protection against potentially harmful bacteria.
- **Application 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.
- **Accessories** - Klip, Charging Dock, Adapter and Multi-Charger (sold separately or in a bundle)
- **Designed and Assembled in the USA**
- **Developer Support Available**
- **1-Year Warranty**

PHYSICAL CHARACTERISTICS



- (1) DuraScan D800, 1D Linear Barcode Scanner
- (1) Wrist Strap



Socket Mobile Companion App
Download for Free!

Note: Charger NOT included - select the charging option that works best for you.

OPTIONAL ACCESSORIES

DuraScan® D800, Linear Barcode Scanner and Charging Dock**



DuraCase Charging Adapter*



DuraScan® D800, Linear Barcode Scanner, and Charging Dock**



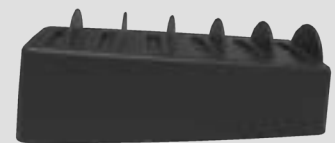
DuraCase Charging Dock*



Holster



6 Bay Charger*



*Charging options - The Charging Adapter is sold separately.

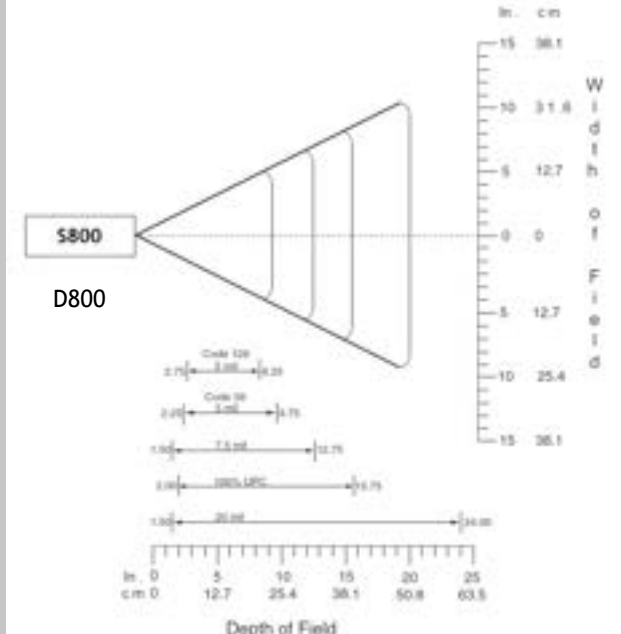
** Charging Bundles - CX3556-2185: Charging Dock with D800
- CX3550-2178: Multi-Bay Charger with six D800 scanners

BATTERY

Battery:	Lithium ion rechargeable battery
Charge Time:	8 Hours
Battery Life: Per Full Charge:	Standby time: 21 hours Active Scan Time: 8,000 scans within 9 hours (based on 1 scan every 4 seconds) 49,000 scans within 4 hours (based on 2 scans every second) 2,000 scans within 20 hours based on 25 scans every 15 minutes
Note:	Battery life varies depending on ambient temperature, ambient light, age of battery, etc.

Default Barcode Symbologies:	Code 39, Code 128, EAN-8, EAN-13, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, Interleaved 2 Of 5, ISBT 128, UPC-A, UPC-E, UPC-E1
Supported Barcode Symbologies:	1D Symbologies: Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 Of 5, EAN-8, EAN 13, GS1-128, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, Interleaved 2 Of 5, Inverse 1D, ISBT 128, Matrix 2 Of 5, MSI, UPC-A, UPC-E/E1
Scan Angle:	53.3" ± 3"
Optical Resolution:	5 mil minimum
Print Contrast:	20% minimum

Reading Distance:



1D codes 5.7 to 61 cm (2.25 to 24 in) Resolution
Depends on symbol size, symbology, label media, W-N ratio scan angle

Decode Ranges:

	Near	Far
5 mil Code 39	2.25 in/5.7 cm	9.75 in/24.6 cm
5 mil Code 128	2.75 in/7.0 cm	8.25 in/21.0 cm
7.5 mil	1.5 in/3.8 cm	12.75 in/32.4 cm
100% UPC	2.0 in/5.0 cm	15.75 in/40.0 cm
20 mil	1.5 in/3.8 cm	24.0 in/61.0 cm

SCANNER TYPE

Technology:	1D Barcode Linear Imager
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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)*, Application Mode - Serial Port Profile (SPP) and Application Mode - MFi-SPP. Some Operating Systems or smartphone/tablet models may support only one profile. <i>*By default, the scanner is set to Basic Mode (HID).</i>

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:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP40
Drop Specifications:	Multiple 6.5 ft. (2 m) drops to concrete

OPERATING SYSTEM COMPATIBILITY

Android OS: Basic Mode (HID)* & Application Mode (SPP)	Mac OS: Basic Mode (HID)* only
Apple iOS: Basic Mode (HID)* & Application Mode (MFi-SPP)	Windows: 10, 8, and 7: Basic Mode (HID)* & Application Mode (SPP)
Compatible with devices supporting Basic Mode (HID)* protocol	
*By default the scanner is in Basic Mode (HID).	

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CERTIFICATION & REGULATORY

Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	RoHS
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC
LED Safety:	IEC 60825-1, EN 60825-1 FCC ID: T9J-RN42 CMIIT ID: 6514A-RN42 Telec ID: 201-125709



WARRANTY

Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty:	www.socketmobile.com/socketcare (sold separately)



COMMON USES

Retail	Hospitality	Commercial Services
Healthcare	Life Sciences	
Logistics	Automotive	

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Japan: +8190 9808 0518	Germany: +41 62 834 07 80	Latin America: +1 510 933 3153

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