



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 is included. Charging Dock, Adapter and Multi-Charger (sold separately).
- **Designed and Assembled in the USA**
- **Developer Support Available**
- **1-Year Warranty**

Physical Characteristics



Single Package includes - SKU# CX3553-2182

- (1) DuraScan D800, 1D Linear Barcode Scanner
- (1) Rechargeable battery (pre-installed)
- (1) Charging
- (1) Universal Klip



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

**Socket Mobile
Companion App
Download for Free!**

Optional Accessories

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



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



Holster



DuraCase Charging Adapter*



DuraCase Charging Dock*



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

Warranty

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

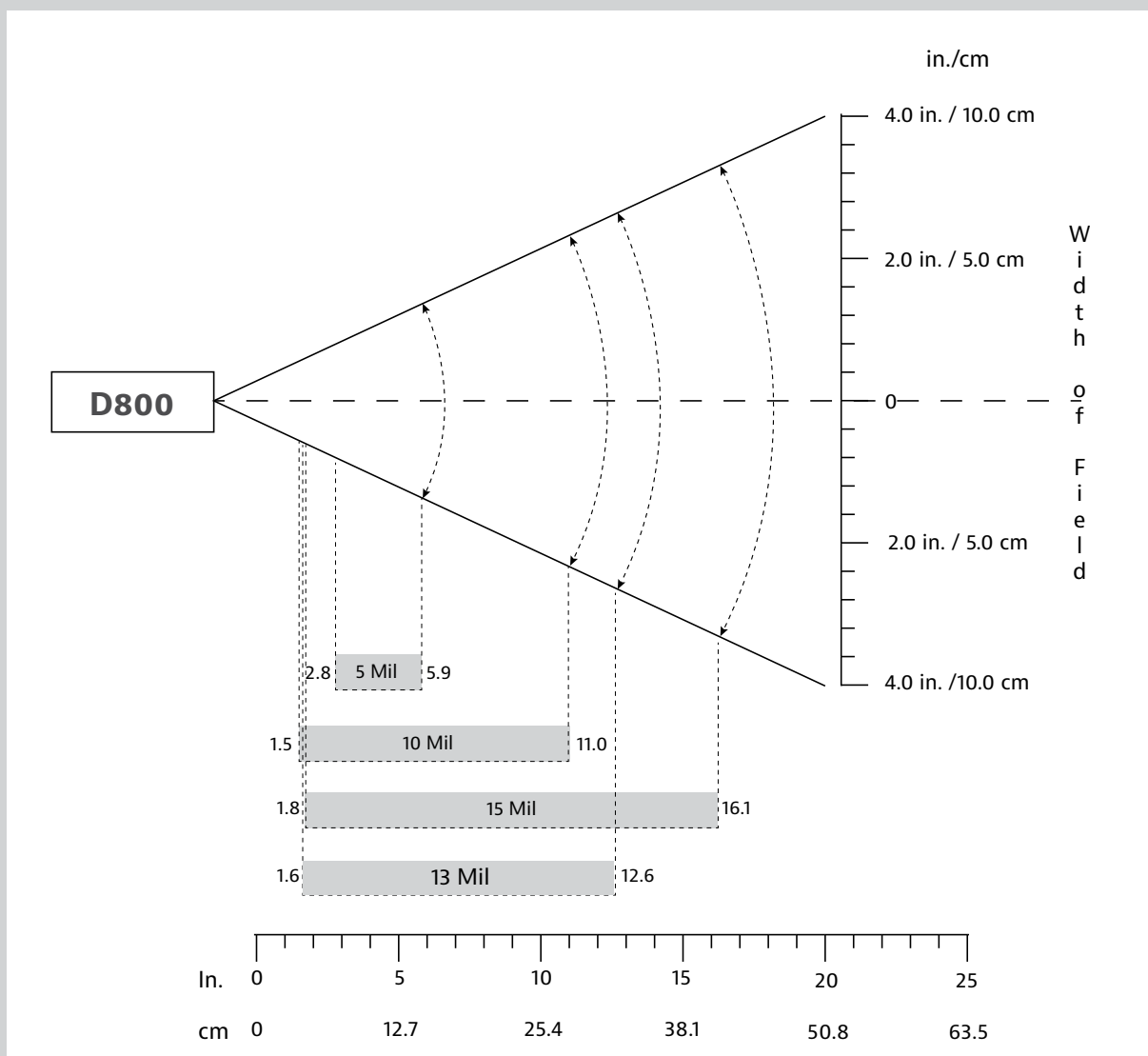


Technology: 1D Barcode Linear Imager

Scanning Performance

Default Barcode Symbologies:	Code 39, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, UPC-A, UPC-E1
Supported Barcode Symbologies:	Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, Matrix 2 of 5, UPC-A, UPC-E1
Scan Angle:	53°
Optical Resolution:	5 mil/0.1 mm
Print Contrast:	30% minimum

Reading Distance:



Decode Ranges:

1D codes 3.5 to 41 cm (1.4 to 16.1 in) Resolution Depends on barcode size, symbology, label media.

Resolution	Near	Far
5 Mil	2.8 in./ 7 cm	5.9 in./ 15 cm
10 Mil	1.4 in./ 3.5 cm	11.0 in./ 28 cm
15 Mil	1.8 in./ 4.5 cm	16.1 in./ 41 cm
13 Mil	1.6 in./ 4.0 cm	12.6 in./ 32 cm

Type of Battery:	Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life:	500 charge-discharge cycles
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)
Note:	Battery life varies depending on ambient temperature, ambient light, age of battery, etc.
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
Country of Origin:	China
Commodity Code:	8507.60.0000

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. *By default, the scanner is set to Basic Mode (HID).

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.

*Chromebook and Linux supports HID mode only.

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:	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 factory settings of the Socket Mobile Scanners are set to Basic Mode (keyboard emulation: HID). In order to use the scanner with an application using Capture SDK, the scanner must be configured in Application Mode (Bluetooth Serial Port Profile: SPP).

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



Common Uses

Retail	Hospitality	Commercial Services
Healthcare	Life Sciences	
Logistics	Automotive	

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

ISO 9001 Accreditation



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