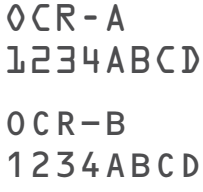
DuraScan® D860

2D/1D Imager

Passport Reader



OCR-A / OCR-B

DOT Code / MICR E13B

Thin, Small, Light Universal Scanner, Dot Code and Passport Reader - Great for one-handed solutions

The Socket Mobile D860 is a durable, fast-scanning barcode scanner and passport reader with Bluetooth® wireless technology. It reads all of the most popular 2D barcodes, DOT Code, OCR, MRZ/passports, and travel IDs. Users can scan barcodes printed on labels or displayed on screens. Combining barcode scanning and alphanumeric data, it is perfect for the travel industry, retail point of sale, inventory management, sales order entry, field service, and other mobile business applications. Merchants can scan barcodes of products and the passports of consumers with one device. Designed for mobility, durability and lasting up to two shifts. The external rubberized material increases drop protection. The D860 slips neatly into your pocket and fits comfortably in the palm of your hand when attached to a smartphone. Easy to use, the scanner is attachable to mobile devices, enabling one-handed operation.

Made for iPod iPhone iPad Bluetooth®

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** – Fast 2D/1D, dot code, OCR, travel ID's, omni-directional barcode scanning, printed or on screen, with highly visible and safe LED aimer.
- **LED Aimer** - Bright, rectangular illumination field with LED dot for precise aiming.
- **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 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# CX3555-2184

(1) DuraScan D860, Universal Barcode Scanner & Travel ID Reader
(1) Rechargeable battery (pre[installed)
(1) Charging cable
(1) Universal Klip

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

Socket Mobile Companion Download for Free!

Download on the App Store

GET IT ON Google Play

Optional Accessories

DuraScan® D860, Linear Barcode Scanner and Charging Dock**

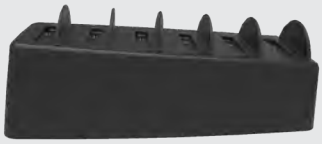
DuraScan® D860, Linear Barcode Scanner and Charging Dock**

Holster

DuraCase Charging Adapter*

DuraCase Charging Dock*

6 Bay Charger*

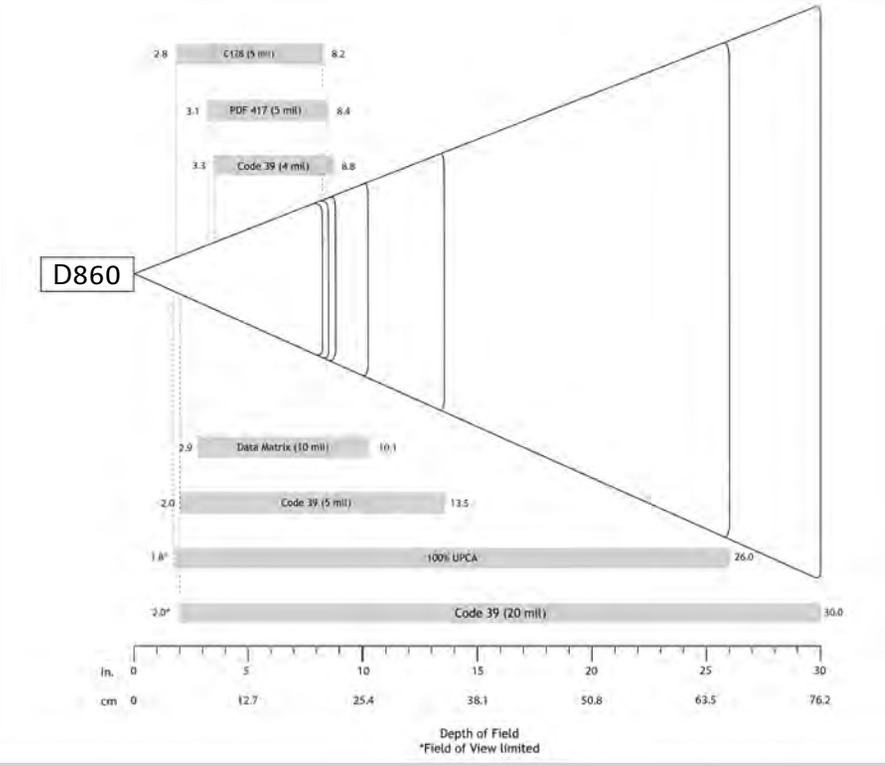


*Charging options - The Charging Adapter is sold separately.
** Charging Bundles - CX 3558-2187: Charging Dock with D860
- CX 3552-2180: Multi-Bay Charger with D860 scanners

Scanner Type

Technology:	2D/1D Barcode Imager & OCR character reader
Light Source Aimer:	Hyper red 660 NM (nanometer) LED 6/0 NM LED

Scanning Performance

Default Barcode Symbologies:	**1D Symbologies:** Code 39, Code 128, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC-A, UPC-E, UPC-E1 **2D Symbologies:** Aztec, Data Matrix, DotCode, Maxicode, Micro PDF417, Micro QR Code, PDF417, QR Code **Postal Codes:** USPS 4CB/One Code/Intelligent Mail **OCR Type Face:** OCR B ICAO Travel Documents
Supported Barcode Symbologies:	**1D Symbologies:** Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC-39, Discrete 2 of 5, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, Inverse 1D, ISBT 128, ISSN EAN, Korean 3 of 5, Matrix 2 of 5, MSI, UPC-A, UPC-E/E1 **2D Symbologies:** Aztec, Data Matrix, GS1 Data Matrix, DotCode, Han Xin, Maxicode, Micro PDF417, PDF417, GS1 QR, Micro QR, QR Code **Postal Codes:** Australia Post, Japan Postal, Netherlands KIX Code, UK Postal, UPU FICS Postal, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail **OCR Type Face:** OCR-A, OCR-B, MICR-BBB, US currency serial number **Watermark Symbology:** Digimarc
Scan Angle:	Horizontal: 42° Vertical: 28°
Sensor Resolution:	1280 x 800 pixels
Print Contrast:	Down to 25%
Reading Distance:	 4.6 to 76.2 cm (1.8 to 30.0 in.) Depends on barcode size, symbology, label media, ratio, scan angle

Decode Ranges:

	Near	Far
4 mil Code 39	3.3 in/8.4 cm	8.8 in/22.4 cm
5 mil Code 128	2.8 in/7.1 cm	8.2 in/20.8 cm
5 mil Code 39	2.0 in/5.08 cm	13.5 in/34.3 cm
5 mil PDF	3.1 in/7.9cm	8.4 in/21.3 cm
10 mil Data Matrix	2.9 in/7.4 cm	10.1 in/25.7 cm
100% UPC A	1.8 in/4.6 cm*	26.0 in/66.0 cm
20 mil Code 39	2.0 in/5.08 cm*	30.0 in/76.2 cm

Battery

Type of Battery:	Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life: 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:	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

Warranty

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

Common Uses

Retail	Hospitality	Point of Sale
Logistics	Life Sciences	Automotive
Healthcare	Travel	

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:	5% to 95% (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. Supported keyboard languages - ANSI, English UK, English, French, German, Italian, Japanese, Polish, Spanish and Swedish	
**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®.

iOS OS X

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 C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC
LED Safety:	IEC 60825-1, EN 60825-1 FCC: T9J-RN42 IC: 6514A -RN42 Telec ID: 201-125709

WEEE RoHS

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