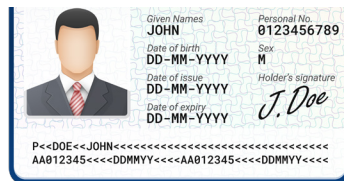




# DURASCAN® D860



OCR-A  
1234ABCD

OCR-B  
1234ABCD



MICR E-13B  
1234567890

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.



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 our 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 clip sold separately.
- **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**

2.25 in / 57.15 mm

.66 in / 16.76 mm

Weight/Mass:  
2.52 oz (71.5 g)



4.20 in  
106.68 mm

.46 in / 11.68 mm

Bluetooth LED  
(Blue)

Scan Button

Wriststrap eyelet

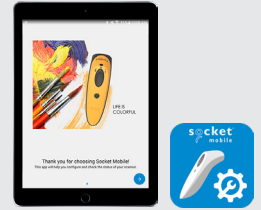


Wriststrap  
eyelet



Power & Scan LED  
(Green/Red)  
Power button also  
iOS keyboard pop-up

(1) DuraScan D860, Universal Barcode Scanner & Travel ID Reader  
 (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, & DuraCase & Charging Dock\*\*



DuraCase Charging Adapter\*



DuraScan® D800, Linear Barcode Scanner, & DuraCase & Charging Dock\*\*



DuraCase Charging Dock\*



Holster



DuraCase 6 Multi-Bay Charger\*



\*Charging options - The Charging Adapter is sold separately.

\*\* Charging Bundles - CX 3558-2187: Charging Dock with S860

- CX 3552-2180: Multi-Bay Charger with S860 scanners

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

SCANNING PERFORMANCE

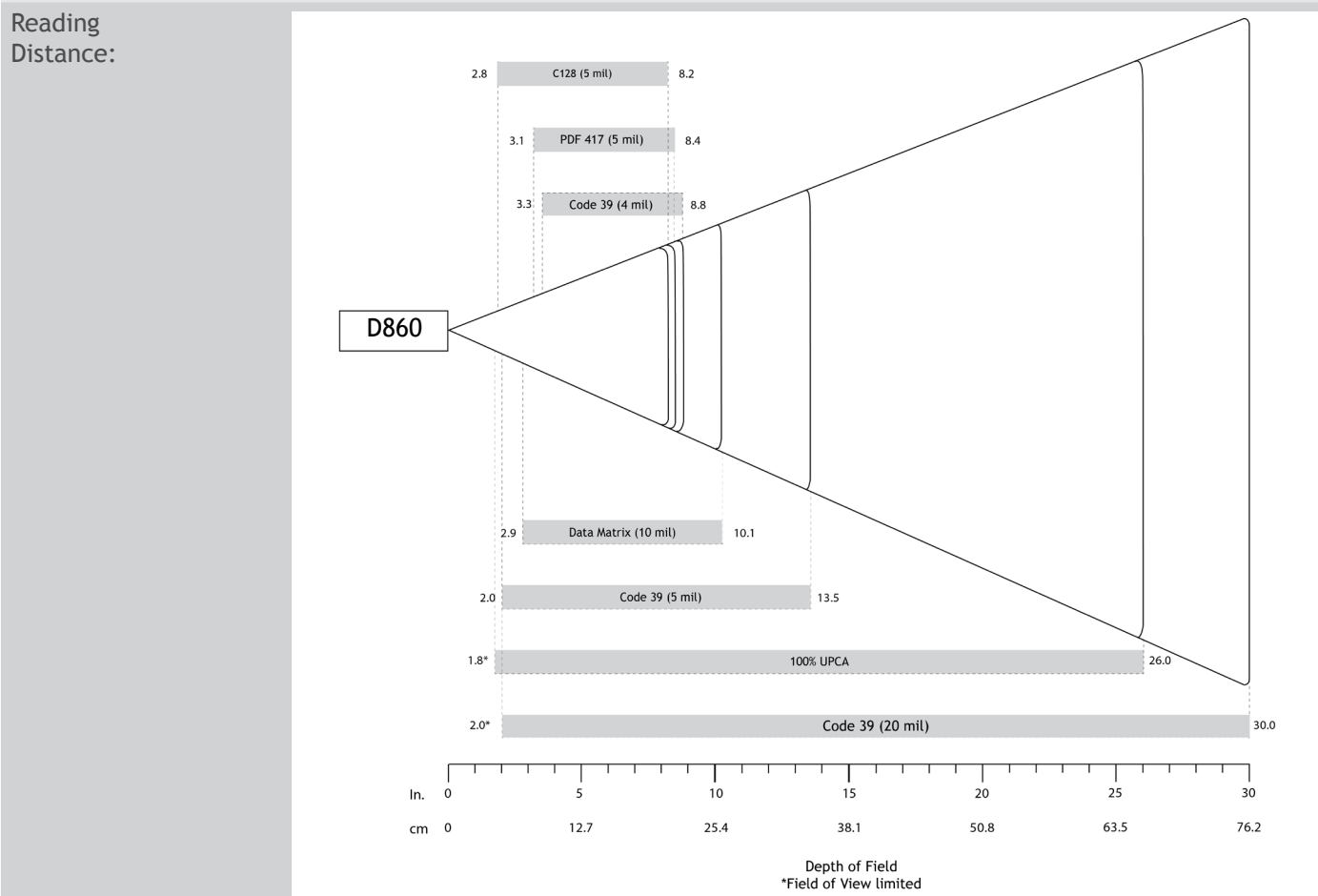
**Default Barcode Symbologies:** 1D Symbologies: Codabar, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC A, UPC EO  
 2D Symbologies: Aztec, Data Matrix, Maxicode, Micro PDF417, PDF417  
 Postal Codes: Australia Post  
 OCR Type Face: OCR Passport - 2 lines

**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, Discrete 2 of 5, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO  
 2D Symbologies: Aztec, Data Matrix, Dot Code, Han Xin, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code  
 Postal Codes: Australia Post, Japan Postal, KIX Code, Maxicode, Netherlands, UPU FICS Posta, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail  
 OCR Type Face: OCR-A, OCR-B, MICR-E13B, US currency serial number

Scan Angle: Horizontal: 42° Vertical: 28°

Sensor Resolution: 1280 x 800 pixels

Print Contrast: Down to 25%



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:	Lithium ion rechargeable battery
Charge Time:	8 Hours
Battery Life: Per Full Charge:	<b>Standby time:</b> 25 hours <b>Active Scan Time:</b> 34,000 scans within 3 hours (based on 2 scans every 1 second) or 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.

## WARRANTY

Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	<a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a>



## 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. <i>*By default, the scanner is set to Basic Mode (HID).</i>

## 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 3 feet or 1 meter

## 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	
<i>*By default the scanner is in Basic Mode (HID).</i>	

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



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



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