DuraScan® D750 v20

Universal Barcode Scanner

The D750 v20 is the latest and improved version of the universal Bluetooth® barcode scanner. Built for mobility and redesigned for improved durability. The D750 v20 is IP54 compliant, ideal for warehousing and manufacturing application customers. In addition, Socket Mobile has added a field-replaceable battery based on customer feedback. The scanner is MFi certified and fully compatible with Android and Windows with different Capture SDK versions available.
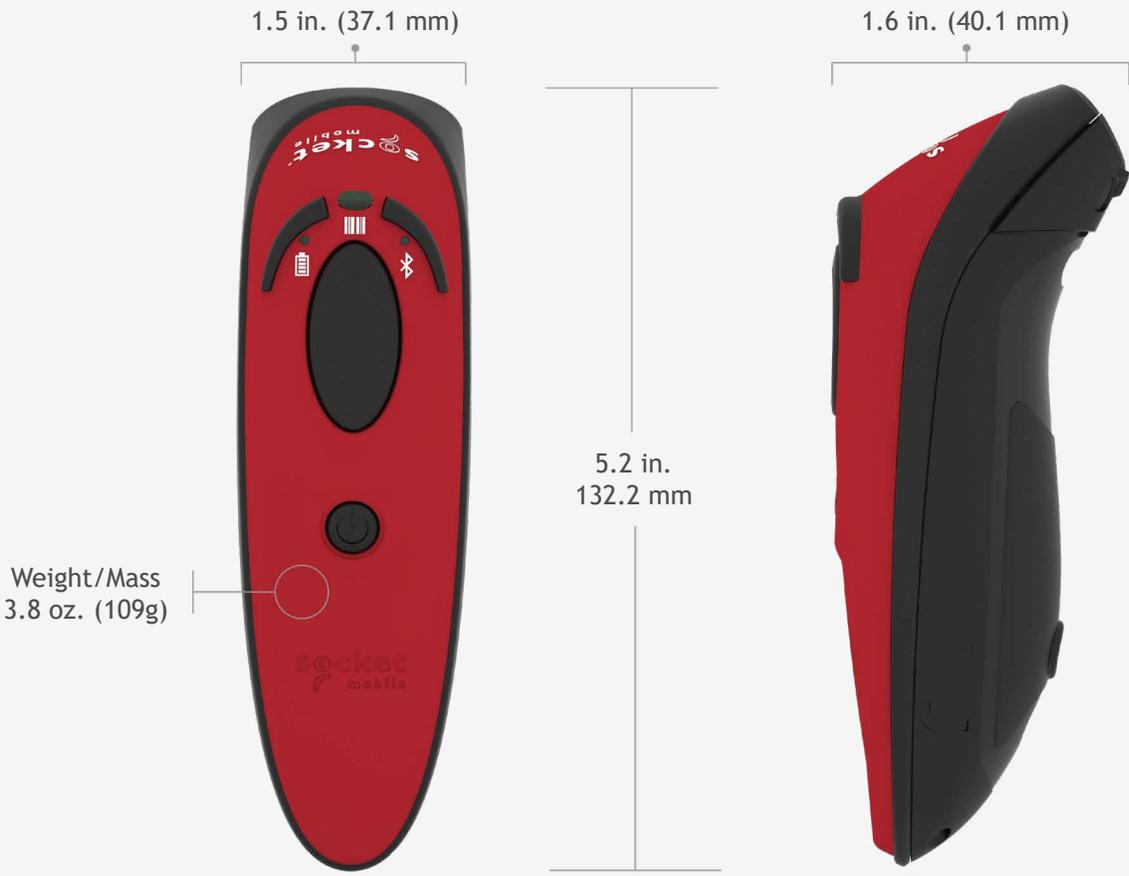
The D750 v20 delivers exceptional scanning abilities, provides data editing and provides omni-directional scanning. The LED-based aimer reads imperfect barcodes indoors and outdoors, on paper and on screen, while the motion tolerance provides faster scans and extended scanning range. It features great ergonomics, fits perfectly in your hand and is small enough to fit in your pocket. The D750 v20 is fully backwards compatible with prior versions of Socket Mobile's SDK and can be used immediately with any application using native scanning support. To enjoy optimal reliability and performance from the D750 v20, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of Capture SDK.

Made for
iPod iPhone iPad   **Bluetooth®**

Features

- Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch®) and compatible with Android, Windows®, Mac and Linux.
- **Scanning –** Rapid 2D and 1D omni-directional barcode scanning with highly visible and safe LED aimer, suited for environments prohibiting lasers. Scans on paper or screens.
- **Bluetooth Wireless Technology** - Dependable Bluetooth connection to iOS, Android and Windows 10 devices. Auto-reconnection maintains even in different environments.
- **Exceptional Ergonomics** – Small, light and fits perfectly in the hand for comfortable use over extended periods of time.
- **Long-Lasting, Rechargeable, Replaceable Battery -** Power to last over 16 hours.
- **Compatible with Android and Windows devices and applications**
- **Decoding Ability -** Reads damaged, poorly printed, overlaid or colored barcodes. The scanner corrects many barcode imperfections.
- **Motion Tolerance -** Allows for faster scanning (steady hands not required).
- **LED Aimer -** Safe, yet pronounced, highly visibly red LED scanning line (easily aims in low light or indoor environment).
- **User Indicators –** Intuitive LEDs for Bluetooth connection, battery level and scanning status
- **User Feedback -** Audible tones and hand pulsation
- **Data Editing -** Add or remove characters and control characters
- **Rugged Design –** IP54 rating for dust and water splashing; withstands multiple drops to concrete.
- **Auto Scan Mode -** Provides continuous scanning capabilities without pressing scan button. **Native App Support –** Socket Mobile's Capture SDK enables easy native app integration in your applications to improve business productivity.
- **Wearable -** Includes wrist strap. Holster and Durable Retractable Clip available (sold separately)
- **Designed and Assembled in the USA**
- **1-Year Warranty**
- **Developer Support Available**

1.5 in. (37.1 mm)

1.6 in. (40.1 mm)

5.2 in.
132.2 mm

Weight/Mass
3.8 oz. (109g)

Battery LED
(Green/Amber/Red)

Scan LED (Green and Red)

Bluetooth LED (Blue)

Scan Button

Power Button
(enabled on-screen keyboard)
in Basic Mode

Cradle/Stand/Mount
Attachment

Removable Battery Door
(open via screw)

Power Connector

Dock/Stand Attachment

Pins for Charging
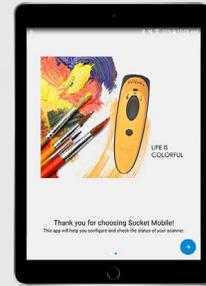Dock/Stand

Pins for Chargning
Dock/Stand

Lanyard/Wrist Strap
Eyelet

(1) DuraScan D750, Universal Barcode Scanner and
    Rechargeable Battery (pre-installed)

(1) Charging Cable

(1) Wrist Strap

(1) Get Started insert

The D750 is available in 4 colors:

Black   (SKU# CX3762-2414)
Gray   (SKU# CX3359-1681)
Red   (SKU# CX3742-2394)
White (SKU# CX3752-2404)

**Socket Mobile Companion
Download for Free!**

Charging Stand

Great for using AutoScan Mode

Charging Cradle

Perfect for wall mounting

Charging Dock

Ideal as a desktop charger

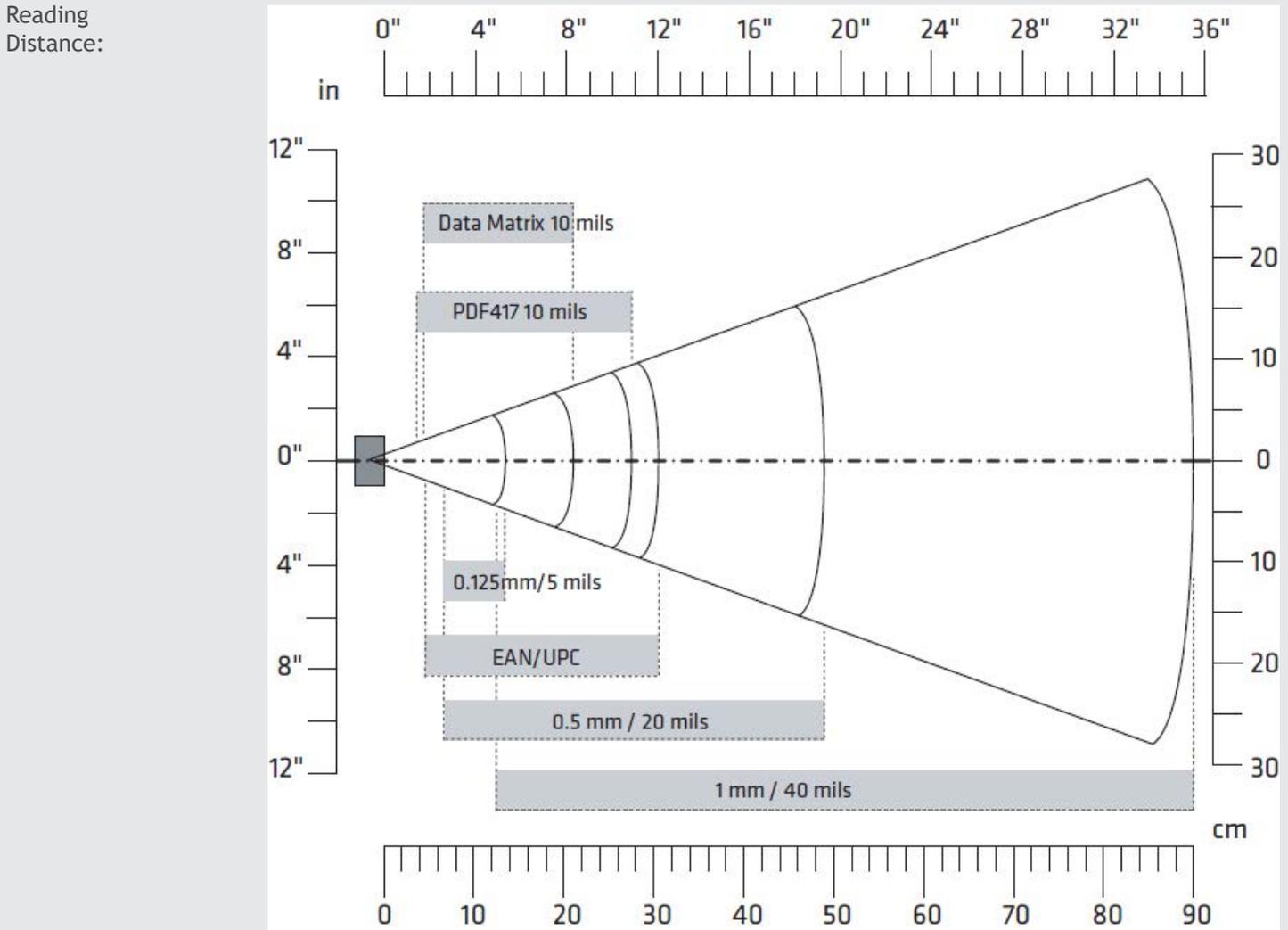### Durable Retractable Clip

Provides quick access to scanner

Holster

Safe and accessible placement

Scanner & Phone Holder

One-handed solution

Default Barcode Symbologies:	1D symbologies: Bookland EAN, Codabar, Code 39, Code 93/93i, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1-128, Interleaved 2 of 5, UPC A, UPC E 2D symbologies: Aztec, Data Matrix, Maxicode, QR Code
Supported Barcode Symbologies:	1D symbologies: Bookland EAN, Codabar, Code 11, Code 39, Code 93/93i, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 DataBar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, MSI, Plessey Code, Standard 2 of 5, Telepen, UPC A, UPC E 2D symbologies: Aztec, Codablock, Data Matrix, Han Xin, Maxicode, Micro PDF417, PDF417, QR Code Postal Codes: Australian Post, BPO, Canada Post, Dutch Post, Infomail, Intelligent mail, Japan Post, Postnet, Sweden Post
Scan Angle:	39° (Horizontal) - 25.5° (Vertical)
Optical Resolution:	752 (H) x 480 (V) pixels, 256 gray levels
Print Contrast:	Down to 30%
Reading Distance:	

1D codes 4.5 to 90 cm (1.97 in to 35.43 in)
2D codes 4.5 to 40 cm (1.97 in to 15.75 in)
Depends on barcode size, symbology, label media

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
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

SCANNER TYPE

Technology:	2D/1D Barcode Imager with highly visible LED aimer
Light Source:	Highly Visible white LED.
Aimer:	617 nm Red LED

BATTERY

Battery Type:	Replaceable 1500 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life - Per Full Charge:	Standby time: over 30 hours Active Scan Time: 70,000 scans within 9 hours (based on 2 scans every 1 second) 14,000 scans within 16 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light and age of battery. *For more battery information* *click here*.
Number of Batteries Used:	1
Weight of Battery:	35g
Percentage Lithium:	26.5%
Battery mAh:	1500 mAh
Number of Cells Per Battery:	1
Watt Hours Per Battery:	5.55
Type of Cell (ex. AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium-polymer
Lithium Content:	9.32g
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 meters (33 ft.) depending on environment, range limit is usually due to the Host Device (phone, tablet or notebook)

USER ENVIRONMENT

Ambient Light:	From 0 to 100 000 lux, From pitch black to direct sun light
Operating Temperature:	-20° to 50° C (-4° to 122° F)
Storage Temperature:	-40° to 70° C (-40° to 158° F)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP54 (Ingress Protection rating for dust and water) EN60529
Tumble/Drop Specs:	2,500 tumble cycle (5,000 drops) to concrete at 3.3 ft (1 meter), IEC60068-2-31, IEC60068-2-32

OPERATING SYSTEM COMPATIBILITY

Android OS - Basic Mode (HID)* and App Mode (SPP) Mac OS - Basic Mode (HID)* only

Apple iOS - Basic Mode (HID)* and App Mode (MFi-SPP) Windows OS 10 - Basic Mode (HID)* and App 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 scanner is in Basic Mode (HID).

CERTIFICATION & REGULATORY

Bluetooth SIG:	Declaration ID: D030473 QD ID: 82009
Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	Environmental: RoHS EN 50581
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC FCC ID: LUBD750 IC ID: 2925A-D750 CMITT ID: 2016DJ7651 Telec ID: Ⓡ 211-161214
LED Safety:	IEC/EN 62471 (EXEMPT GROUP)

SRRC

WARRANTY

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

COMMON USES

Retail/Point of Sale	Warehouse management	Transportation
Office use	Shipping and Receiving	Gaming
Healthcare	Field Sales/Service	Hospitality
Mobile Tracking	Banking	