



2D/1D Imager
Barcode Scanner



DuraScan® D750

Universal Barcode Scanner

The D750 is the latest and improved version of the universal Bluetooth® barcode scanner. Built for mobility and redesigned for improved durability. The D750 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.

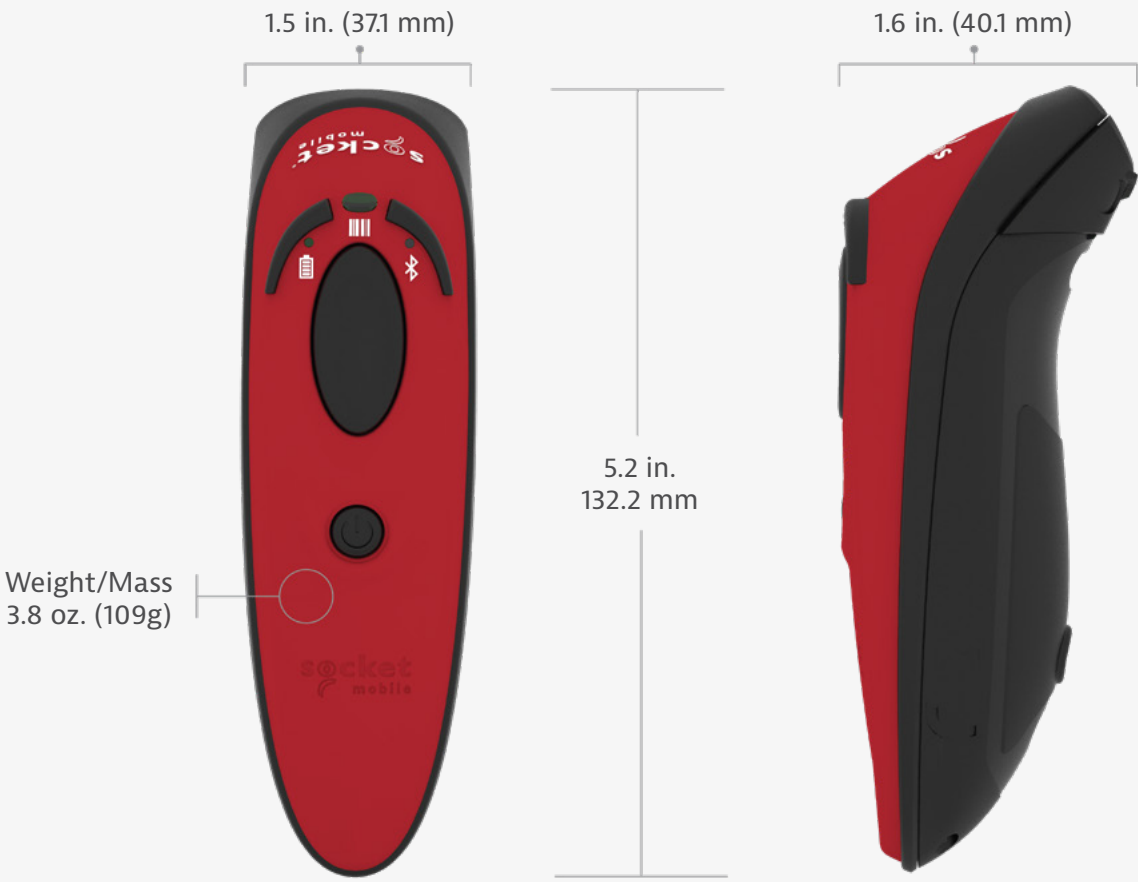
The D750 delivers exceptional scanning abilities, provides data editing and provides omni-directional scanning. The LED-based aimer reads imperfect barcodes indoors and outdoors, on paper and on screen, while the motion tolerance provides faster scans and extended scanning range. It features great ergonomics, fits perfectly in your hand and is small enough to fit in your pocket. The D750 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, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of Capture SDK.



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.
- **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**

PHYSICAL CHARACTERISTICS



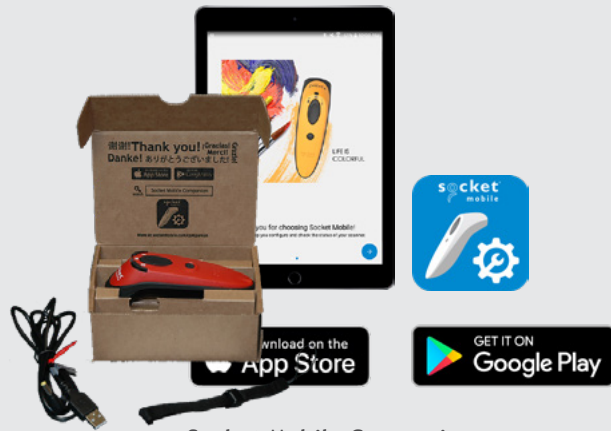
SINGLE PACKAGE INCLUDES

(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!

OPTIONAL ACCESSORIES

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

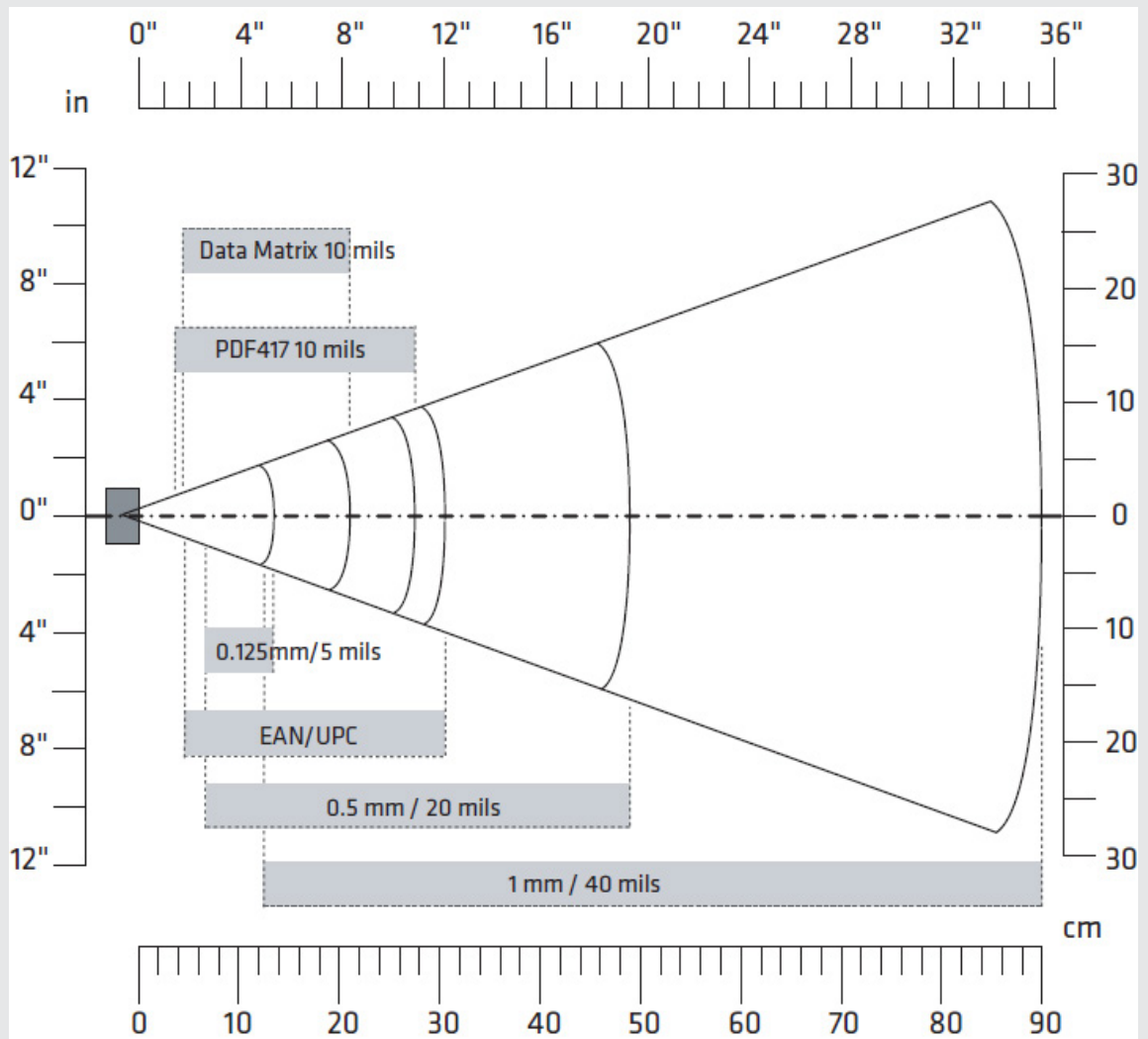
Scanner & Phone Holder



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

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 1400 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. <i>For more battery information click here.</i>
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 Specification:	2,500 cycles at 3.3 ft. (1 m) to metal plate, IEC6008-2-31, IEC60068-2-32 3
Drop Specification:	6 drops to concrete - 1 on each side at 6.6 ft. (2 m)

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 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)*



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)



WARRANTY

Scanner:	Standard one year limited warranty for barcode scanners
Accessories:	90 days for batteries, charging cable and wrist strap
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	

socketmobile.com	sales@socketmobile.com	sales-japan@socketmobile.com
Worldwide: +1 510 933 3000	Asia Pacific: +1 510 933 3122	Japan: +8190 9808 0518
North America: +1 800 552 3300	Germany: +41 62 834 07 80	Japan (Toll Free): +81 (800) 9190303
EMEA & Russia: +41 62 834 07 80	Switzerland: +41 62 834 07 80	Latin America: +1-510-933-3153
France: +33 (801) 840504	Switzerland (Toll Free): +41 (800) 898003	Taiwan (Toll Free): +886 00801491497
Malaysia (Toll Free): +60 (1800) 818234	UK/Ireland/South Africa: +44 (800) 0487363	

©2021 Socket Mobile, Inc. All rights reserved. Socket®, the Socket Mobile logo, SocketScan®, DuraScan®, Battery Friendly® are registered trademarks or trademarks of Socket Mobile, Inc. Microsoft® is a registered trademark of Microsoft Corporation in the United States and other countries. Apple®, iPad®, iPad Air®, iPad mini®, iPad Pro®, iPhone®, iPod touch®, Objective-C®, Swift™, and Xcode® are registered trademarks of Apple, Inc., registered in the U.S. and other countries. The Bluetooth® Technology word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Socket Mobile, Inc. is under license. Other trademarks and trade names are those of their respective owners.