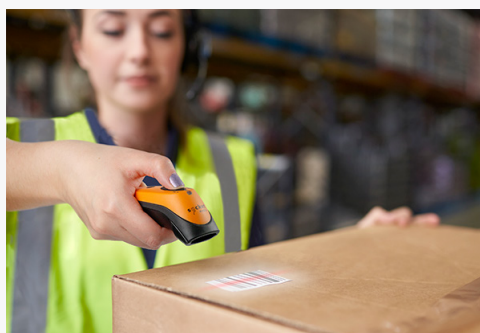# socket® mobile

DURASCAN® D750

Ergonomic, Elegant and Rugged

The DuraScan D750 is a professional grade, 2D/1D barcode scanner with Bluetooth® wireless technology. It delivers exceptional scanning abilities, providing advanced data editing capabilities, reading imperfect barcodes and providing omni-directional scanning. The LED-based aimer works clearly in both indoor and outdoor settings while the motion tolerance provides faster scans, as well as extended scanning range, like scanning with a laser. Ideal for scan-intensive applications where productivity is key, but lasers are prohibited.

The highly durable exterior was built for applications in warehouses, outdoor distribution, industrial manufacturing conditions, automotive, healthcare, logistics, and more. The scanner's IP54-rated outer casing withstands dust and water splashes, while its antimicrobial material helps protect from germs.

Made for iPod iPhone iPad   Android   Windows   Bluetooth®

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

Features

- **Bluetooth Wireless Technology** - Compatible with iOS, Android and Windows devices with long-range Bluetooth connection of 330 feet (100m).
- **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.
- **Compatible with all Android and Windows devices and applications**
- **Scanning** – Rapid 2D & 1D omni-directional barcode scanning with highly visible and safe LED aimer, suited for environments prohibiting lasers
- **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, Bluetooth connection, battery level and scanning status
- **User Feedback** - Audible tones and hand pulsation
- **Exceptional Ergonomics** - Small, lightweight, and fits perfectly in the hand for comfortable use over extended periods.
- **Data Editing** - Add or remove characters and control characters
- **Long lasting Battery** - Power to last over 16 hours
- **Rugged Design** – Protection rating of IP54 for dust and water splashing protection. Withstands multiple drops to concrete and repeated tumbles.
- **Auto Scan Mode** - Provides continuous scanning capabilities without pressing scan button.
- **Protective Material** - Made with antimicrobial additives to help protect against 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.
- **Wearable** - Includes lanyard/belt clip. Holster and Durable Retractable Clip available (sold separately)
- **Designed and Assembled in the USA**
- **Developer Support Available**
- **1-Year Warranty**

Default Barcode Symbologies:	**1D symbologies:** Codabar, Code 39, Code 93/93i, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1-128, UPC A, UPC E0 **2D symbologies:** Aztec, Data Matrix, Maxicode, Micro PDF417, QR Code **Postal Codes:** Australian Post
Supported Barcode Symbologies:	**1D symbologies:** 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, ISBN, ISBT 128, Matrix 2 of 5, MSI, Standard 2 of 5, Telepen, UPC/EAN, UPC A, UPC E0 **2D symbologies:** Aztec, Codablock, Data Matrix, Maxicode, Micro PDF417, PDF417, QR Code **Postal Codes:** Australian Post, BPO, Canada Post, Dutch Post, Japan Post, Sweden Post, Postnet
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:	

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:	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.

Bluetooth Radio:	Class 1 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
Bluetooth Range:	Up to 100 m (330 ft.) depending on environment, range limit is usually due to the Host Device (phone, tablet or notebook)

PHYSICAL CHARACTERISTICS

1.5 in.
37.1 mm

1.6 in.
40.1 mm

5.2 in.
132.2 mm

Intuitive LED Indicators
• Battery LED: Green, Amber & Red
• Bluetooth LED: Blue
• Scan LED: Green and Red

Power Button
• On/Off
  (enabled on-screen keyboard)
  in Basic Mode

Scan Button

Weight/Mass
• 4.0 oz. (112.5 g)

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
Drop Specifications:	Multiple 5 ft. drops to concrete
Tumble Specification:	250 cycles at 1.64 ft. (0.5 m) (500 drops), IEC60068-2-31, IEC60068-2-32

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 OS - 10, 8, and 7 - Basic Mode (HID)* & Application Mode (SPP)

Compatible with devices supporting Basic Mode (HID)* protocol
Supported keyboard languages - English, French, German and Spanish

By default the scanner is in Basic Mode (HID).

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

iOS   ANDROID   WINDOWS   OS X   LINUX

CERTIFICATION & REGULATORY

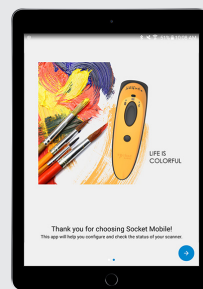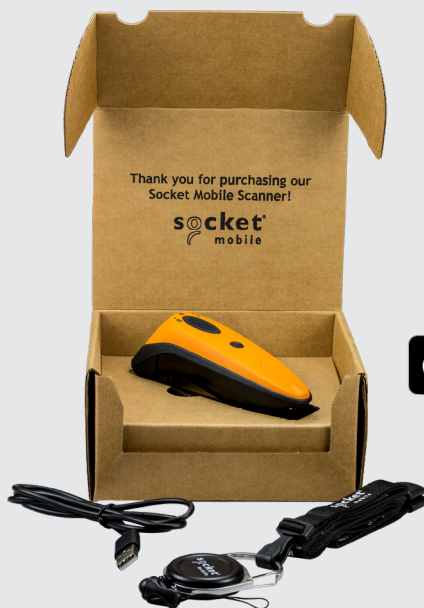|	
Bluetooth SIG:	Declaration ID: D030473 QD ID: 82009
Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	Environmental: RoHS EN 50581
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC FCC ID: LUBD750 IC ID: 2925A-D750 CMITT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

FC   CE   RCM   Industry Canada   TÜV Rheinland   BSMI   Bluetooth   SRRC   WEEE   RoHS

WARRANTY

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

EXTENDED SocketCare WARRANTY

COMMON USES

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

(1) DuraScan D750, 2D/1D Barcode Imager
(1) Charging Cable
(1) Durable Lanyard
(1) Get Started Insert

Thank you for purchasing our Socket Mobile Scanner!

LIFE IS COLORFUL
Thank you for choosing Socket Mobile!

**Socket Mobile Companion
Download for Free!**

Download on the App Store

GET IT ON Google Play

The D750 is available in 3 colors:

Utility Gray (SKU# CX3359-1681)
Safety Green (SKU# CX3380-1773)
Construction Orange (SKU# CX3382-1775)

Charging Stand
SKU# AC4076-1538

Great for using Presentation Mode

Charging Cradle
SKU# AC4102-1695

Perfect for wall mounting

Charging Dock
SKU# AC4133-1871

Ideal as a desktop charger

Durable Retractable Clip
AC4130-1828

Provides quick access to scanner

Holster
AC4131-1829

Safe and accessible placement

Lanyard - Black
SKU# AC4100-1692

Great for hanging around your neck