



D750 DATASHEET DURASCAN™

Ergonomic, Elegant and Rugged

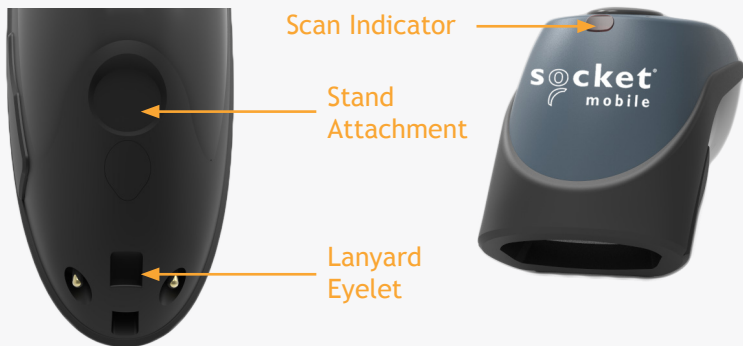
Built for harsh environments in warehouse, distribution and industrial manufacturing. Stylish enough to be showcased in boutique retail environments.

The DuraScan Model D750 barcode scanner features great ergonomics fitting perfectly in your hand for comfortable and extended use. Light and small enough to fit in your pocket.

Designed for mobility and wireless scanning with *Bluetooth*® wireless technology connection up to 330 ft (100 m).



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

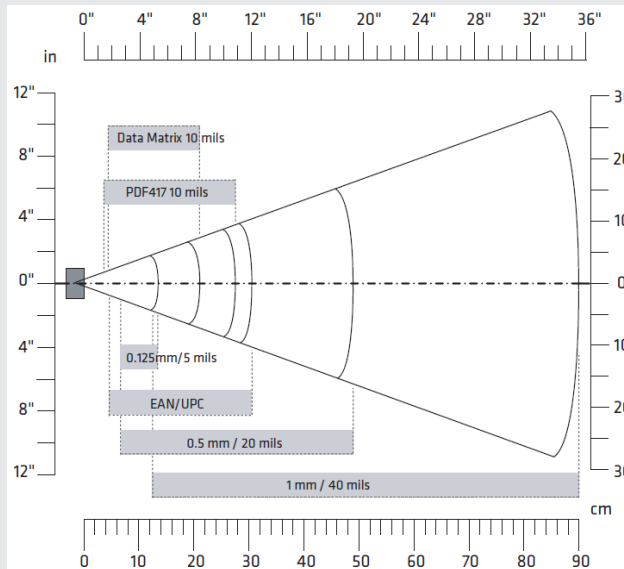


Features

- Certified by Apple® for iOS devices - Guaranteed Compatibility
- **Scanning** - Fast 2D & 1D omni-directional barcode scanning with highly visible and safe LED aimer
- **Exceptional ergonomics** - Small, light and fits perfectly in the hand for comfortable use over extended periods of time
- **Long lasting battery** - Power to last for two 8 hour shifts
- **User feedback** - Intuitive LED indicators let users know battery, Bluetooth connection and scanning status at a glance
- **Rugged Design** - Protection rating of IP54 for dust and water splashing protection. Withstands multiple drops to concrete and repeated tumbles.
- **Protective Material** - Made with antimicrobial additives to help protect against harmful bacteria.
- **Basic Mode (default)** - No software installation required when using the scanner in Bluetooth HID mode
- **Application Mode** - Improves business productivity with faster, efficient and reliable data transfer over Bluetooth. Leverage Application Mode functionality by integrating Socket Mobile's SDK in your app.
- **Wireless (Bluetooth)** - Scanning for iOS, Android and Windows mobile devices with long-range Bluetooth connection of 330 feet (100m)
- **Wearable** - Includes lanyard/ belt clip for convenient access wherever you go
- **Designed and made in the USA**

Supported Barcode Symbologies:	1D Symbologies: EAN/UPC, GS1 Databar (limited expanded & omni-directional), Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/Matrix/Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian Post, BPO, Canada Post, Dutch Post, 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 6 to 93.6 cm (2.36 in to 36.85 in)
 2D codes 5.0 to 40 cm (1.97 in to 15.75 in)
 Depends on symbol size, symbology, label media, W-N ratio scan angle.

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) or 14,000 scans within 16 hours (calculation based on 1 scan every 4 seconds) <i>Note: Battery life varies depending on ambient temperature, ambient light, and age of battery.</i>

BLUETOOTH (WIRELESS CONNECTION)

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)
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>

PHYSICAL CHARACTERISTICS

Dimensions:	5.2 (L) x 1.5 (W) x 1.6 (H) in (132.2x 37.1 x 40.1 mm)
Weight/Mass:	3.8 oz. (108g)
LEDs:	Scan LED: Green and Red Bluetooth LED: Blue Battery LED: Green, Amber & Red
Buttons:	Trigger Button: Scan Power Button: On/Off (enabled on-screen keyboard)

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
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 SUPPORT

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)
Linux - Basic Mode (HID)* only	Windows Mobile, Embedded Handheld - Basic Mode (HID)* & Application Mode (SPP)

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

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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
LED Safety:	IEC 60825-1, EN 60825-1



WARRANTY

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



Retail/Point of Sale

Warehouse management

Office use

Shipping & Receiving

Healthcare

Field Sales/Service

Mobile Tracking

SINGLE PACKAGE INCLUDES

(1) DuraScan D750 - Utility Gray, Safety Green or Construction Orange
2D/1D Barcode Imager



or



or



Utility Gray
SKU# CX3359-1681

Safety Green
SKU# CX3380-1773

Construction Orange
SKU# CX3382-1775

(1) USB Type-C to USB Type-A Charging Cable



(1) Durable Lanyard



OPTIONAL ACCESSORIES

Charging Stand

SKU# AC4076-1538



*These accessories are also compatible with Series 7 Scanners

Charging Cradle

SKU# AC4102-1695



AC Power Supplies



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