# socket mobile®

## MODEL D750
# 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.

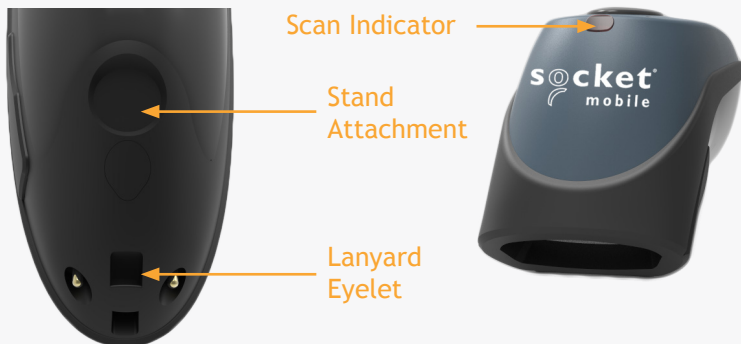Designed for mobility and wireless scanning with Bluetooth® connection up to 330 ft (100 m).

Made for
iPod · iPhone · iPad

**Bluetooth™**

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



Battery Status LED

Scan Indicator

Bluetooth LED

Trigger Button

Made with Antimicrobial Material

On/Off Button

Scan Indicator
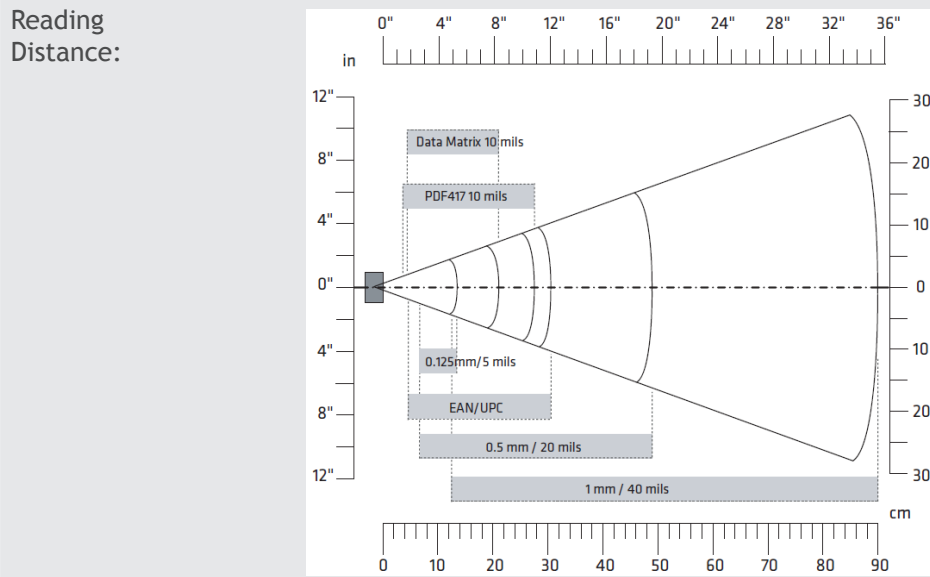
Stand Attachment

Lanyard Eyelet

## Features and Benefits

- **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** - audible tones, hand vibration and intuitive LED indicators
- **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 for protection against harmful microbes.
- **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.
- Designed and made in the USA

| | |
|---|---|
| Supported Barcode Symbologies: | **1D Symbologies:**<br>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)<br>**2D Symbologies:**<br>Data Matrix, PDF417, Micro PDF 417, Codablock, Maxicode, QR, Aztec, HAN XIN |
| 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.

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

| | |
|---|---|
| Battery: | 1400 mAh Lithium - Ion Battery |
| Charge Time: | 6 Hours |
| Battery Life - Per Full Charge: | Standby time: over 30 hours<br>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)<br>*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) |
| 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.<br>*By default, the scanner is set to Basic Mode (HID).* |

# 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<br>Bluetooth LED: Blue<br>Battery LED: Green, Amber & Red |
| Buttons: | Trigger Button: Scan<br>Power Button: On/Off (enabled on-screen keyboard) |

# USER ENVIRONMENT

| | |
|---|---|
| Ambient Light: | From 0 to 100 000 lux<br>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), 4 days |
| 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), IEC60062-2-31 |

# 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).*

Certified by Apple® for iOS devices (iPad®, iPhone®, iTouch®) 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<br>FCC ID: LUBD750<br>IC ID: 2925A-D750 |
| LED Safety: | IEC 60825-1, EN 60825-1 |

FC    CE    C    Industry Canada    CCC    AUS    Bluetooth    WEEE    RoHS

# WARRANTY

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

| | |
|---|---|
| Retail/Point of Sale | Warehouse management |
| Office use | Shipping & Receiving |
| Healthcare | Field Sales/Service |
| Mobile Tracking | |

# SKU# CX3359-1681 - PACKAGE INCLUDES

DuraScan D750
2D/1D Barcode Imager

USB Type-C to USB Type-A Charging Cable

Durable Lanyard

# OPTIONAL ACCESSORIES

QX Stand                                      SKU# AC4076-1538

*These accessories are also compatible with Series 7 Scanners

Charging Cradle                         SKU# AC4102-1695