



2D/1D Imager
Barcode Scanner



D750 DATASHEET **DURASCAN**®

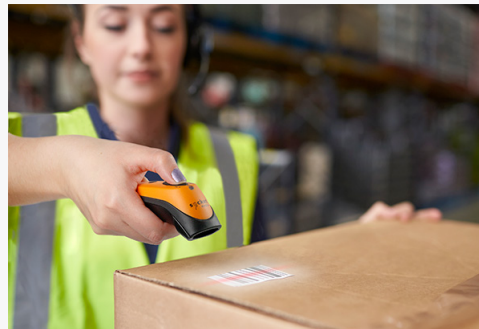
Ergonomic, Elegant and Rugged

The DuraScan D750 is a pro-level barcode scanner. It scans both 2 and 1 dimensional barcodes while displaying exceptional scanning abilities: providing data editing capabilities and scanning imperfect barcodes while providing omni-directional scanning. Made with a highly durable, IP54-rated outer casing, including antimicrobial material, the D750 was built for industrial needs and conditions.

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. Benefitting the needs of customer-facing applications, the D750's abilities make it an excellent scanning companion in most any environment. Ideal for scan-intensive applications where productivity is key, but lasers are prohibited.



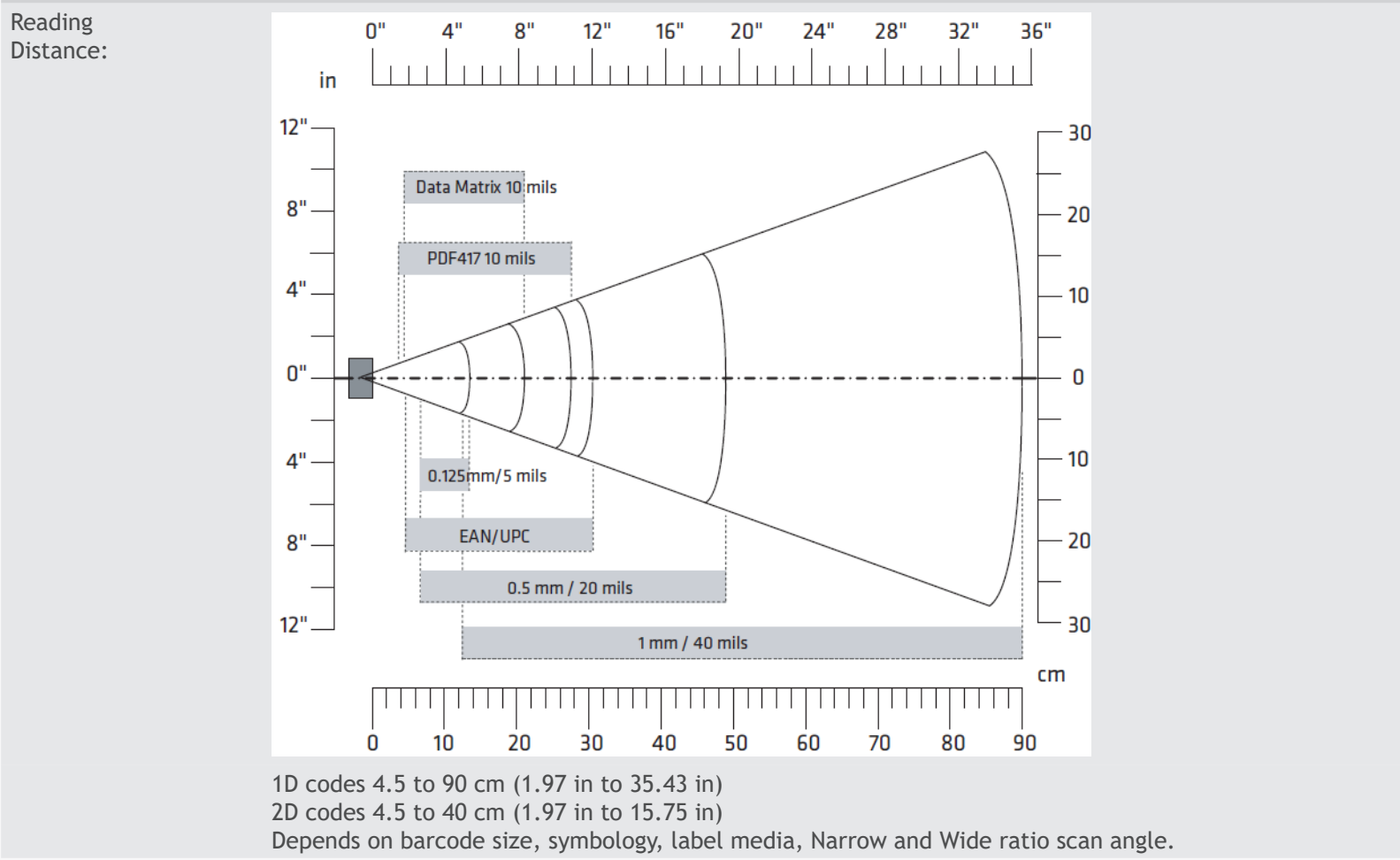
Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch®) and compatible with Android and Windows®.



Features

- **Bluetooth Wireless Technology** - Compatible with iOS, Android and Windows devices with long-range Bluetooth connection of 330 feet (100m).
- **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).
- **Scans Barcodes** - Scans 4.5 mil barcodes and is designed with a special algorithm which enhances the scanning range for 1D symbologies.
- **Data Editing** - Add or remove characters and control characters
- **Long lasting Battery** - Power to last over 16 hours
- **Exceptional Ergonomics** - Small, light and fits perfectly in the hand for comfortable use over extended periods of time
- **Indicators** - Intuitive LEDs, beeps/tones and vibrations let users know battery, Bluetooth connection and scanning status
- **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.
- **Auto Scan Mode** - Provides continuous scanning capabilities without pressing scan button.

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%



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 (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)

PHYSICAL CHARACTERISTICS



Intuitive LED Indicators

- Battery LED: Green, Amber & Red
- Bluetooth LED: Blue
- Scan LED: Green and Red

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 <i>*By default the scanner is in Basic Mode (HID).</i>	

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iOS



OS X



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



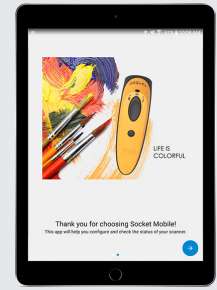
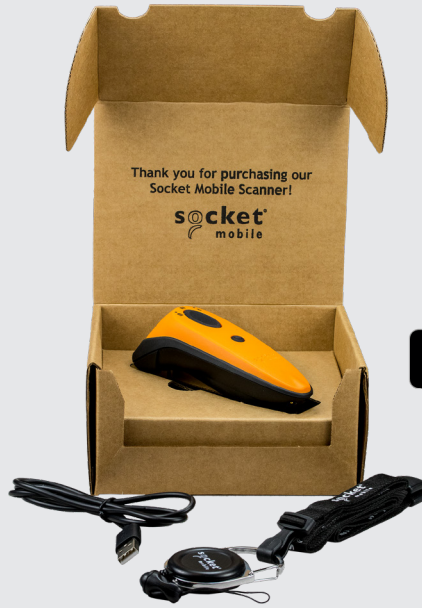
WARRANTY

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 & 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



Socket Mobile Companion
Download for Free!

The D750 is available in 3 colors:

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

OPTIONAL ACCESSORIES

Charging Stand
SKU# AC4076-1538



Great for using Presentation Mode

Charging Cradle
SKU# AC4102-1695



Perfect for wall mounting

Universal 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

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