



# DURASCAN® D755



## Medical Grade Barcode Scanner for Healthcare

The D755 is a powerful, laser-free barcode scanner built for the demanding standards of healthcare environments. Built with [medical grade plastic](#), it's tough enough to withstand frequent cleaning with harsh disinfectant solutions. Plus, it's built with the signature toughness of our DuraScan line. It's IP54-rated for dust, liquid and bacteria protection, designed to be dropped frequently.

With a safe and effective LED aimer, it offers high-performance scanning of 1D, 2D barcodes, PDF 417, OCR fonts, and DotCode. Accurately captures patient information and personal identification documents, such as passport, and drivers' licenses for check-in or admissions. It scans barcodes as small as 3 millimeters and allows omni-directional scanning, ideal for scanning vials and syringes. Also scans barcodes displayed on a screen or printed, and barcodes on curved and reflective surfaces and poor quality and challenging barcodes, for first-time, every-time scanning. The motion tolerance feature offers faster scanning and extended scanning range up to 24 inches away which provides a larger scanning 'sweet spot' to capture barcodes.

From patient admissions to bedside point of care, from the pharmacy to suite number who-knows-where, the D755 is a perfect solution for applications that are used in hospitals, blood banks, pharmacies, residential care facilities and home care organizations.



Patient ID



Pharmacy Inventory



Patient Tracking



## Features

- **Medical Grade Housing** – IP54 sealing and designed to resist the harmful effects of harsh cleaning agents. Allows safe wipe-down with a wide variety of harsh chemicals to help prevent the spread of germs.
- **Scanning** – Fast 2D and 1D barcode scanning with highly visible and safe LED aimer and omni-directional ability. Scans on paper or screen. Scans DotCode, OCR A&B fonts and OCR passport fonts for accurately capturing visitors and patient Identification information.
- **Scan performance** – Scans poor quality and challenging barcodes. Captures barcodes farther, up to 24"/60 cm away. Larger 'sweet spot' to decrease the need to repositioning the scanner when scanning. Scans extremely small barcodes as small as 3 mil. Motion tolerant to capture barcodes when moving.
- **Certified by Apple® for iOS devices** – Guaranteed Compatibility.
- **Native App Support** – Socket Mobile's Capture SDK enables easy native app integration in your applications to improve business productivity.
- **Exceptional Ergonomics** – Small, light and fits perfectly in the hand for comfortable use over extended periods of time.
- **User Feedback** - Audible tones and hand pulsation. Set the scanner hand pulsation only when you do not want to disturb others with scanning sounds.
- **User Indicators** – Intuitive LEDs, Bluetooth connection, battery level and scanning status.
- **Long-Lasting, Replaceable, Rechargeable Battery** - Designed to last over an entire busy 12-hour shift, with an LED indicator that alerts the user when a battery charge is needed.
- **Rugged Design** - withstands 2,500 drops to Linoleum from 5' and 5,000,000 scan presses.
- **Bluetooth Wireless Technology** - Dependable Bluetooth connection to iOS, Android and Windows 10 devices. Auto-reconnection maintains connection even in different environments.
- **Wearable** - Wrist strap included. Optional: Holster and Durable Retractable Clip available.
- **Designed and Made in the USA.**
- **1-Year Warranty.**
- **Extended Warranty** - Our optional flexible service plans keeps your scanner up and running in like-new condition with coverage for accidental damage and everyday wear-and-tear.

# PHYSICAL CHARACTERISTICS

1.5 in. (37.1 mm)

1.6 in. (40.1 mm)

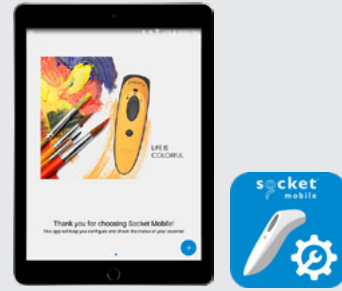
Weight/Mass  
3.8 oz. (109g)

5.2 in.  
132.2 mm



# SINGLE PACKAGE INCLUDES

- (1) DuraScan D755, 2D/1D Barcode Imager
- (1) Charging Cable
- (1) Wrist Strap
- (1) Get Started Insert



Socket Mobile Companion  
Download for Free!

The D755 is available in 2 packages:

Scanner (SKU# CX3799-2559)  
Scanner w/ Charging Cradle (SKU# CX3558-2882)

# OPTIONAL ACCESSORIES

Charging Stand



Great for using AutoScan Mode

Medical Grade 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

Wrist Strap or Lanyard



Default Barcode Symbologies:

**1D Symbologies:** Codabar, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC A, UPC EO  
**2D Symbologies:** Aztec, Data Matrix, Maxicode, Micro PDF417, PDF417  
**Postal Codes:** Australia Post

Supported Barcode Symbologies:

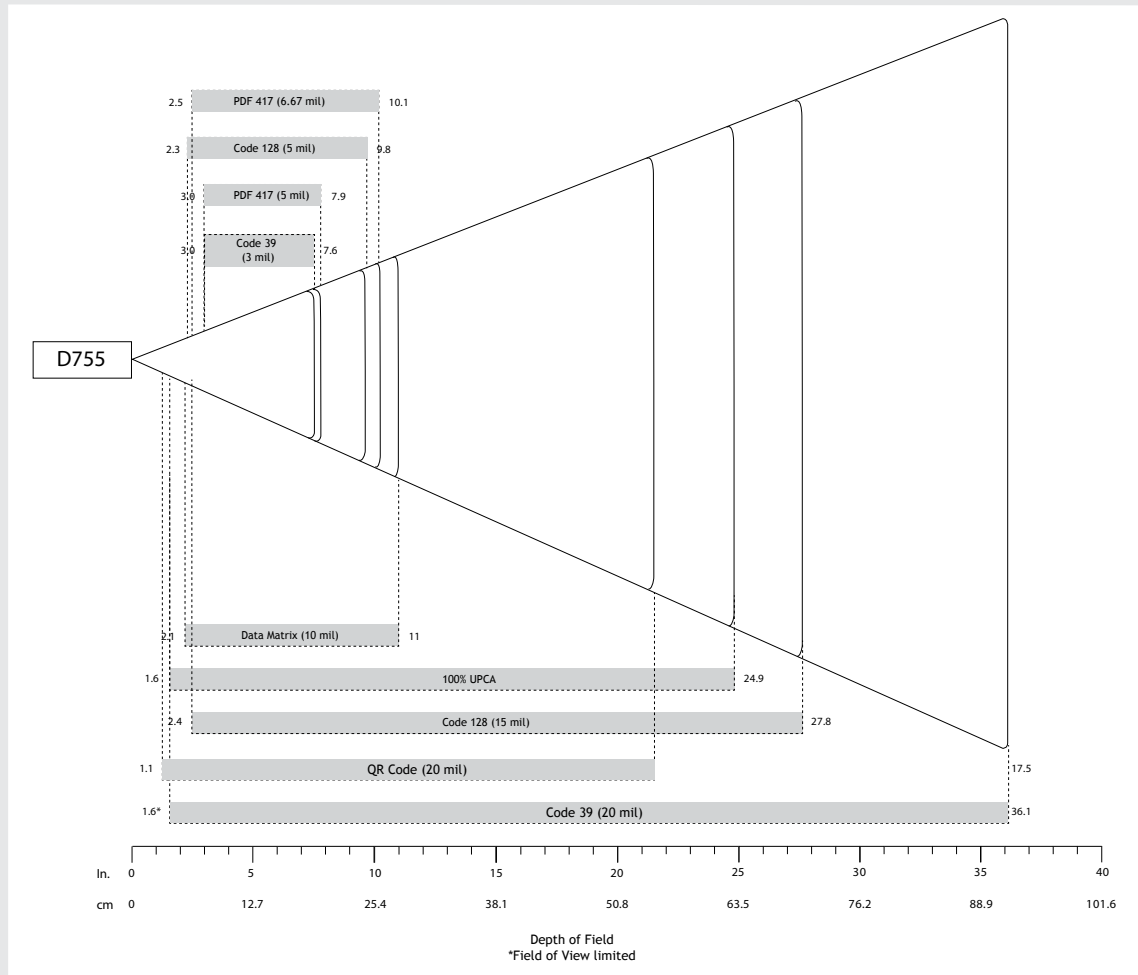
**1D Symbologies:** Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC, Discrete 2 of 5, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO  
**2D Symbologies:** Aztec, Data Matrix, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code  
**Postal Codes:** Australia Post, Han Xin, Japan Postal, KIX Code, Maxicode, Netherlands, UPU FICS Posta, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail

Scan Angle: 48° (Horizontal) - 30° (Vertical)

Sensor Resolution: 1280 horizontal x 800 vertical pixels

Print Contrast: Down to 25%-20%

Reading Distance:



2.8 to 91.7 cm (1.1 to 36.1 in.) Depends on barcode size, symbology, label media

Decode Ranges:

	Near	Far
3 mil Code 39	3.0 in/5.8 cm	7.6 in/14.7 cm
5 mil Code 128	2.3 in/5.8 cm	9.8 in/24.9 cm
5 mil PDF 417	3.0 in/7.6 cm	7.9 in/20.1 cm
6.67 mil PDF 417	2.5 in/6.3 cm	10.1 in/25.7 cm
10 mil DataMatrix	2.1 in. / 5.3 cm	11.0 in. / 27.8 cm
100% UPC A	1.6 in/4.1 cm*	24.9 in/63.2 cm
15 mil Code 128	2.4 in. / 6.1 cm	27.8 in. / 70.6 cm
20 mil Code 39	1.6 in/4.1 cm*	36.1 in/91.7 cm
20 mil QR Code	1.1 in. / 2.8cm	17.5 in. / 44.5 cm

# BATTERY

Battery Type:	Replaceable 1400 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life - Per Full Charge:	Standby time: over 20 hours Active Scan Time: 85,000 scans within 9 hours (based on 2 scans every 1 second) 17,000 scans within 19 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 <a href="#">click here.</a></i>
Number of Batteries Used:	1
Weight of Battery:	35g
Percentage Lithium:	26.5%
Battery mAh:	1400 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
Battery 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)
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>

# SCANNER TYPE

Technology:	2D/1D Barcode Imager
Light Source:	one (1) warm-white LED
Aimer:	525 nm green LED

# USER ENVIRONMENT

Ambient Light:	From 0 to 100 000 lux, From pitch black to direct sun light
Operating Temperature:	0° to 45° C (32° to 113° F)
Storage Temperature:	-5° to 70° C (-22° 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:	6 drops to concrete - 1 on each side at 6.6 ft. (2 m)
Tumble Specifications:	2,500 cycles at 3.3 ft. (1 m) to metal plate, IEC6008-2-31, IEC60068-2-32 3)

# OPERATING SYSTEM COMPATIBILITY

Android OS - Basic Mode (HID)\* & Application Mode (SPP)

Mac OS and Linux - 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 - 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)*

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

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: T9J-RN41-3  
 IC ID: 6514A-RN413  
 Telec ID: 201-135280

LED Safety: IEC 62471, EN 62471 (EXEMPT GROUP)



## WARRANTY

Scanner: Standard one year limited warranty

Accessories: 90 days (batteries, charging cable, wrist strap)

Extended Warranty: [www.socketmobile.com/socketcare](http://www.socketmobile.com/socketcare)  
 (sold separately)



## COMMON USES

Admitting / Discharge	Specimen Collection / Tracking	Patient ID Wristbands
Medication Administration	Pharmacy Inventory	Document Tracking
Retail/Point of Sale	Warehouse management	Transportation
Office use	Shipping & Receiving	Mobile Tracking
Healthcare	Field Sales/Service	Inventory

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