DURASCAN® D745

Medical Grade Barcode Scanner for Healthcare

The D745 is a Universal Bluetooth barcode scanner specifically designed for healthcare environments and reads all 2D/1D barcodes on paper or screen. Built with medical grade plastic to withstand daily cleaning and harsh disinfectant solutions to help maintain cleanliness. Its environmental seal is IP54 rated to protect the unit from dust, water, alcohol and other liquids. Its durable design was built to be dropped hundreds of times. The scan button was tested to handle over five million presses in environments needing frequent scanning.

The D745 is small and light enough to always be carried, and it is ergonomically designed to fit perfectly in your hand. It can slip in your pocket or be worn with a wrist strap or holster. The Bluetooth wireless technology allows freedom of movement all workday, and the field-replaceable battery lasts an entire 12-hour shift.

From patient admissions, to bedside point of care, to the pharmacy, the D745 is an ideal solution for applications such as drug identification, medication management, specimen collection, Blood Infusion Safety, and patient identification.

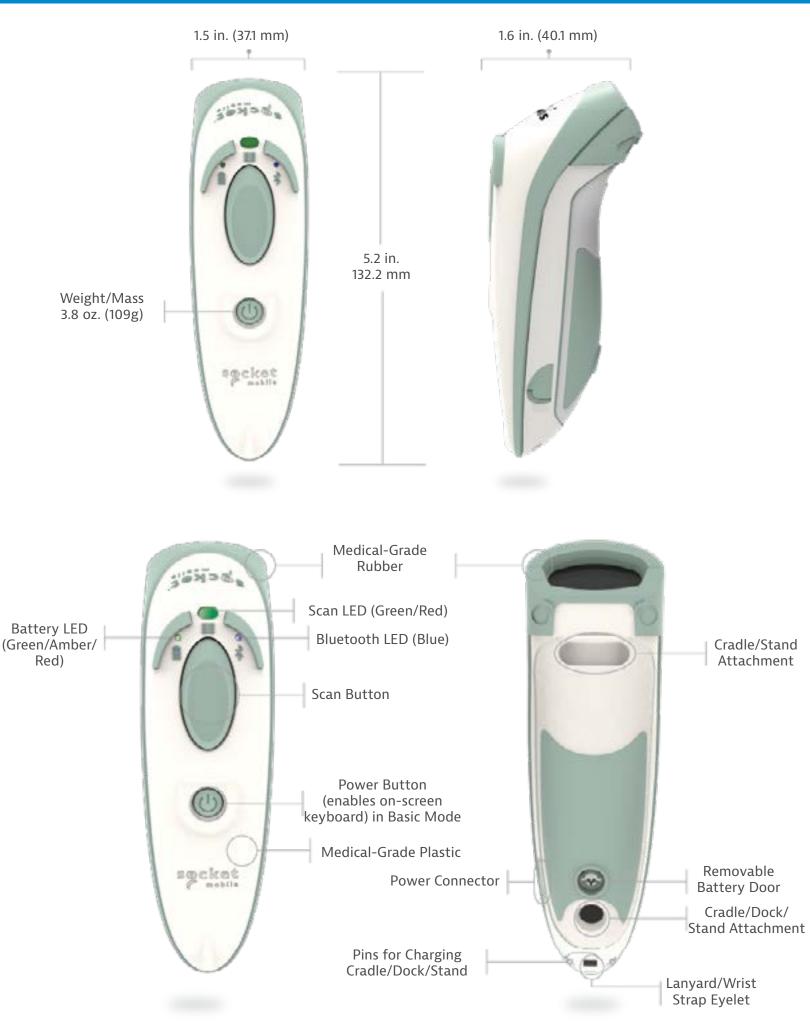It is Apple Certified and can be fully integrated and controlled by your iOS or Android application.

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 omni-directional barcode scanning with highly visible and safe LED aimer. Scans on paper or screen.
- **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.**
- **Barcode scanner 1 year warranty, Battery, Cables, and Wrist Strap 90 days 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.

1.5 in. (37.1 mm)

1.6 in. (40.1 mm)

5.2 in.
132.2 mm

Weight/Mass
3.8 oz. (109g)

Medical-Grade
Rubber

Battery LED
(Green/Amber/
Red)

Scan LED (Green/Red)

Bluetooth LED (Blue)

Cradle/Stand
Attachment

Scan Button

Power Button
(enables on-screen
keyboard) in Basic Mode

Medical-Grade Plastic

Power Connector

Removable
Battery Door

Cradle/Dock/
Stand Attachment

Pins for Charging
Cradle/Dock/Stand

Lanyard/Wrist
Strap Eyelet

(1) DuraScan D745, 2D/1D Barcode Imager
(1) Charging Cable
(1) Wrist Strap
(1) Get Started Insert

Socket Mobile Companion App
Download for easy setup!

The D745 is available in 2 packages:

Scanner (SKU# CX3861-2892)
Scanner w/ Charging Cradle (SKU# CX3859-2890)

Charging Stand	Medical Grade Charging Cradle	Charging Dock
Great for using AutoScan Mode	Perfect for wall mounting	Ideal as a desktop charger
Durable Retractable Clip	Holster	Wrist Strap or Lanyard
Provides quick access to scanner	Safe and accessible placement	

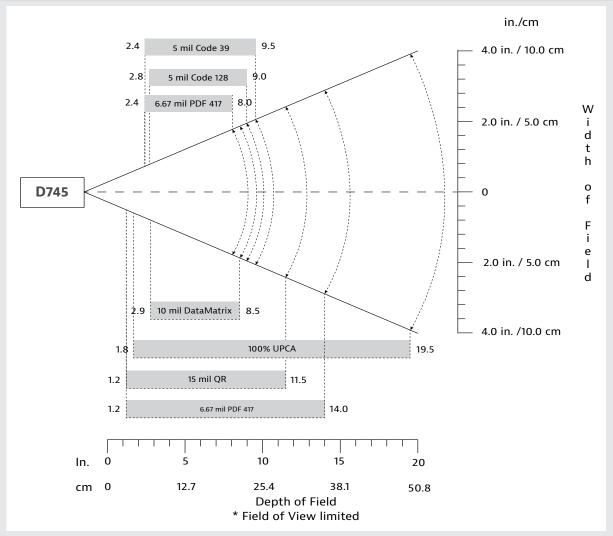|	
Default Barcode Symbologies:	**1D Symbologies:** Codabar, Code 39, Code 93, Code 128, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC-A, UPC-E, UPC-E1 **2D Symbologies:** Aztec, Data Matrix, Maxicode, Micro QR Code, Micro PDF417, PDF417, QR Code **Postal Codes:** USPS 4CB/One Code/Intelligent Mail
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-39, Discrete 2 of 5, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, Inverse 1D, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC-A, UPC E/E-1 **2D Symbologies:** Aztec, Data Matrix, Han Xin, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code **Postal Codes:** Australia Post, Japan Postal, Netherlands KIX Code, UK Postal, UPU FICS Postal, 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:	 3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media

Decode Ranges:	Near	Far
5 mil Code 39	2.4 in/6.1 cm	9.5 in/24.1 cm
5 mil Code 128	2.8 in/7.1 cm	9.0 in/22.9 cm
6.67 mil PDF417	2.4 in/6.1 cm	8.0 in/20.3 cm
10 mil DataMatrix	2.9 in/7.4 cm*	8.5 in/21.6 cm
100% UPCA	1.8 in/4.6 cm*	19.5 in/49.5 cm
15 mil QR	1.2 in/3.0 cm*	11.5 in/29.2 cm
20 mil QR	1.2 in/3.0 cm	14.0 in/35.6 cm

Battery

Battery Type:	Replaceable 1400 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life - Per Full Charge:	Battery Friendly with 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. *For more battery information [click here](#).*
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 iOS Application Mode*. Some Operating Systems or smartphone/tablet models may support only one profile. *By default, the scanner is set to iOS Application Mode.*

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.
*Chromebook and Linux supports HID mode only.

Scanner Type

Technology:	2D/1D Barcode Imager
Light Source:	Hyper Red 660 nm (nanometer) LED
Aimer:	610 nm red 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) and App Mode (SPP)	Mac OS and Linux - Basic Mode (HID) only
Apple iOS - Basic Mode (HID) and iOS Application Mode*	Windows OS 10 - Basic Mode (HID) and App 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 iOS Application Mode. 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®.

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: (sold separately)	www.socketmobile.com/socketcare

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