Native support in:

Compatible with:

Reads:

1D BARCODES, 2D BARCODES

DuraScan D745

Durable Healthcare 1D/2D Barcode Scanner

Ergonomic | Medical-Grade Housing

Scans Through Plastic or Glass



The D745 is a universal Bluetooth barcode scanner specifically designed for healthcare environments and reads all 1D/2D barcodes on paper or screen.
Its environmental seal is IP54-rated to protect the unit from dust, water, alcohol, and other liquids.

The D745's 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.

Built with medical-grade plastic to withstand daily cleaning and harsh disinfectant solutions to help maintain cleanliness, the D745 is small, light, and 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.

Available in the following bundles

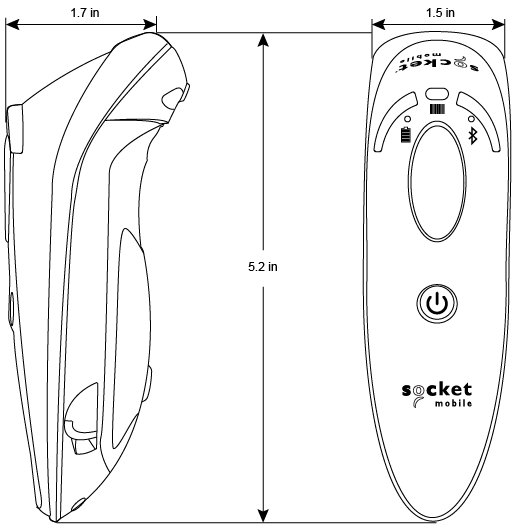
- **D745 + Charging Cradle –** A medical-grade, universal scanner built for healthcare environments, the Medical Grade Charging Cradle allows for safe daily cleaning and sanitizing with popular medical-grade disinfectant solutions.

Features

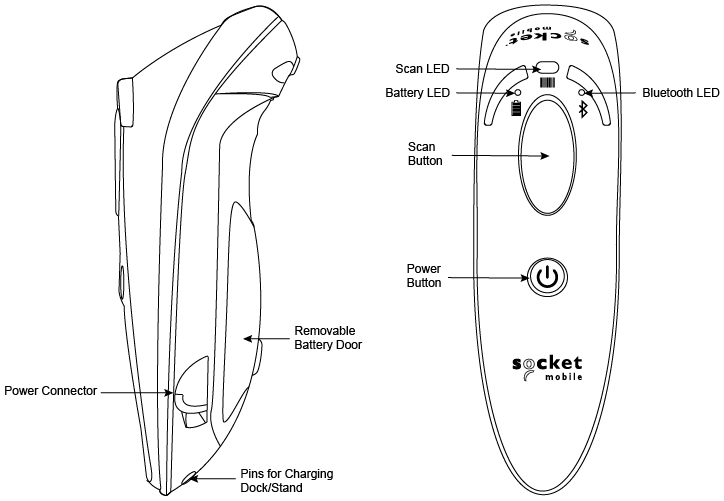
- **Multi-Device Compatibility —** Apple® Certified for iOS devices (iPhone®, iPad®) and compatible with Android®, and Windows® 10.
- **Medical-Grade Housing —** IP54-rated sealing designed to withstand the effects of harsh cleaning agents, allowing safe wipe-downs with a wide range of chemicals to help prevent the spread of germs.
- **Durable Design —** Built to withstand drops and harsh environments, with an IP54 sealed housing for protection from dust, water exposure, and water immersion.
- **Hands-Free Scanning —** Automatically scans barcodes when set to Auto (Presentation) Mode and positioned in a dock or stand.
- **Robust Scanning —** Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- **Ergonomic —** Small, light, and fits perfectly in the hand for comfortable use over extended periods.

- **Exceptional Form Factor —** Small, sturdy, and fits in areas with limited counter or table space.
- **Long-Lasting Battery —** Features rechargeable and field-replaceable battery that lasts a full shift.
- **Intuitive User Indicators —** LED lights that indicate successful scanning and battery charging status.
- **Audible Feedback —** Multiple feedback tones to indicate successful scans/reads and other important action confirmations.
- **Bluetooth Wireless Integration —** Dependable Bluetooth connection to host devices.
- **Easy App Integration —** Socket Mobile's Capture SDK enables easy integration in your applications to improve business productivity with fast, efficient, and reliable data transfer over Bluetooth wireless technology. Data reader works out of the box for apps that have already integrated CaptureSDK.
- **Developer Support —** Our support team is available to assist with set-up and operation.
- **1-Year Warranty Included —** Extended warranty options also available.

Dimensions



External Control



Reading Performance

Default Barcode Symbologies	• **1D Symbologies:** Bookland EAN, Codabar, Code 39, Code 93, Code 128, EAN-13/JAN, EAN8/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, DotCode, Maxicode, Micro PDF417, PDF417, QR Code • **Postal Codes:** Australia Post • **OCR Typeface:** OCR-B ICAO Travel Documents

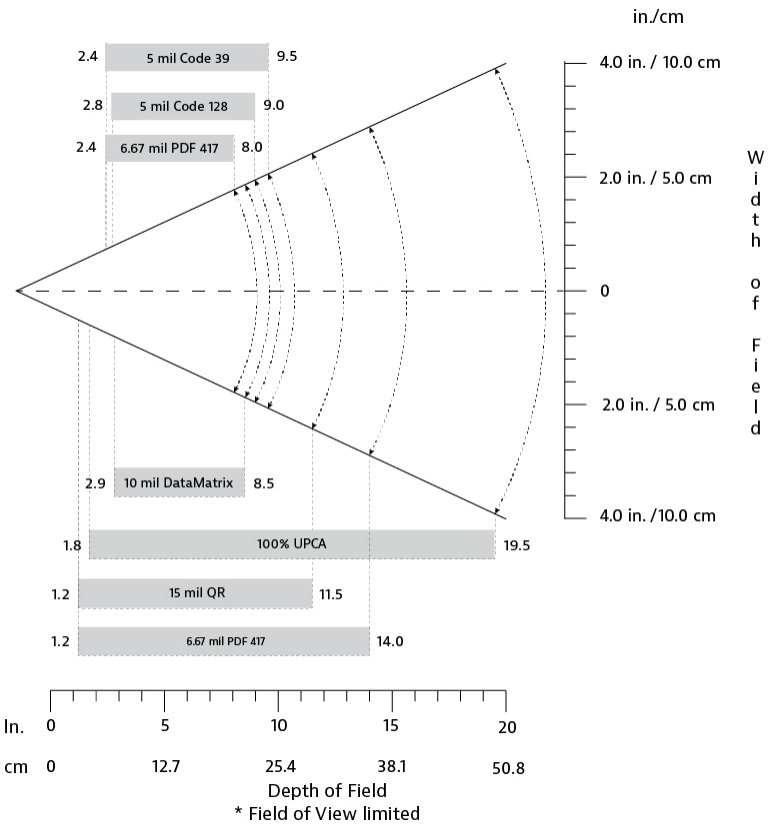
Supported Barcode Symbologies	• **1D Symbologies:** Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC, Discrete 2 of 5, EAN-13/JAN, EAN8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO • **2D Symbologies:** Aztec, Data Matrix, DotCode, GS1 Data Matrix (S740 with Green scan LED only), GS1 QR Code (S740 with Green scan LED only), 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 • **OCR Typeface (S740 with Green scan LED only):** OCR-A, OCR-B, MICR (E13B), US currency serial number Learn how to enable and disable data types.
Print Contrast	Down to 25%-20%
Scan Angle	44.5° (Horizontal) - 33.5° (Vertical)
Sensor Resolution	1280 horizontal x 960 vertical pixels

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

Reading Distance



Battery Information

Battery Type	1 rechargeable Lithium Ion Polymer (replaceable battery)
Charge Time	6
Life of battery	500 charge-discharge cycles
Life per full charge	**Battery Friendly with standby time:** • Over 20 hours **Active Scan Time:** • 85,000 scans within 9 hours (based on two scans every 1 second) • 7,000 scans within 19 hours (based on one scan every 4 seconds)
Battery weight	35g
Percentage lithium	26.5%
mAh	1400
Cells per battery	1
Watts per battery	5.55
Cell type	Proprietary
Chemical composition	Lithium - polymer
Lithium content	9.32g
Voltage	3.7v
Hazmat UN Number	UN3481, P.I. 967
ROHS Compliance	Yes, Included with Scanner
Country of origin	China

Commodity code	8507.60.0000

Bluetooth Information

Bluetooth Profiles	• **Basic Mode** - Human Interface Device (HID) • **Application Mode** - Serial Port Profile (SPP) • **iOS Application Mode** (Default) Some Operating Systems or smartphone/tablet models may support only one profile.
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 the environment. The range limit is usually due to the Host Device (phone, tablet, or notebook).

Operating Systems



Packaging

- Data Reader
- Charging Cable
- Get Started Guide

Common Uses

- Healthcare Solutions

User Environments

Ambient Light	From 0 to 100 000 lux. From pitch black to direct sunlight.
Charging Temperature	Charging in an ambient temperature above 40° C / 100° F may result in charging issues.
Operating Temperature	0° to 45° C (32° to 113° F)
Relative Humidity	95% at 60° C (140° F) (non-condensing)
Storage Temperature	-40° to 70° C (-40° to 158° F)
Tumble Specification	2,500 cycles at 3.3 ft. (1 m) to a metal plate, IEC6008-2-31, IEC60068-2-32 3.

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:

- RoHS EN 50581

EMI / RFI:

- FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024,
- TELEC: R 201-135280
- FCC ID: T9J-RN41-3
- IC ID: 6514A-RN413

LED Safety:

- IEC 62471
- EN 62471 (EXEMPT GROUP)

Product SKUs

- CX3859-2890 - Scanner
- CX3861-2892 - Scanner w/ Charging Cradle

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