



1D BARCODES, 2D BARCODES

DuraScan D762

Durable Professional Mid-Range 1D/2D Barcode Scanner

High-Volume Scanning | Mid-Range Scanning Rugged IP65 Rated

A versatile, high-performance data capture solution built for demanding environments. Supporting both 1D and 2D barcodes, the D762 offers exceptional scanning capabilities (up to 14 feet) with a lightweight, ergonomic design for comfortable, all-day use.



With an extended working range, it accurately scans barcodes from as little as 2.1 inches and all the way up to 14 feet, accommodating sizes from 5 mil to 160 mil. This flexibility enables users to scan overhead items and inventory from a comfortable distance, boosting productivity in various applications.

Designed with durability in mind, the DuraScan D762 Mid-Range Barcode Scanner is IP54-rated for dust and water resistance and withstands multiple drops. Its field-replaceable, long-lasting battery ensures continuous operation, making it a reliable tool for warehouse, manufacturing, and commercial services environments.

User-friendly features include intuitive notifications for battery level, Bluetooth connectivity, and scanning status. Suitable for a wide range of applications such as logistics, healthcare, and retail, the D762 delivers fast, accurate data capture to enhance daily operations.

Available in the following bundles

- **D762 + [Charging Dock](#)** – Charge your reader while keeping it available for active use.
- **D762 + [Charging Stand](#)** – Designed for flexible use with protective features to safeguard your data reader. Great for hands-free auto scan.
- **D762 + [Holder w/ Integrated Phone Magnet](#)** – Securely mount both your scanner and phone together for a more convenient, one-handed scanning experience.

Features

- **Multi-Device Compatibility:** Apple® Certified for iOS devices (iPhone®, iPad®) and compatible with Android® and Windows® 11.

- **Rapid Scanning:** Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- **Extended Range:** Scans barcodes ranging in size from 5 mil to 160 mil, at distances from 2.1 inches to 14 feet.
- **Hands-Free Scanning:** Automatically scans barcodes when set to Auto (Presentation) Mode and positioned in a dock or stand.
- **Durable Design:** Built to withstand drops and harsh environments, with an IP54 sealed housing for protection from dust, water exposure, and water immersion.
- **Ergonomic:** Small, light, and fits perfectly in the hand for comfortable use over extended periods.
- **Long-Lasting Battery:** Scanner features rechargeable and field-replaceable battery that lasts a full shift.
- **Intuitive User Indicators:** [LED lights](#) that indicate successful data read/write and battery charging status.
- **Audible Feedback:** Multiple [feedback tones](#) to indicate successful data read/write and other important action confirmations.
- **Bluetooth Classic Wireless Integration:** Dependable Bluetooth connection to host devices.
- **Easy App Integration:** Socket Mobile's CaptureSDK (version 2.0.29 or higher) 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, with support for Bluetooth LE devices.
- **Developer Support:** Our support team is available to assist with set-up and operation.
- **1-Year Warranty Included:** [Extended warranty](#) options also available.
- **Designed and Assembled in the USA:** Socket mobile data readers are built at our headquarters in Fremont, CA.

Packaging

Data Reader with Charging Cable

- Data Reader
- Charging Cable (If selected)
- Wrist Strap
- Get Started Guide

Data Reader with Charging Dock (Black)

- Data Reader
- Charging Dock (If selected)
- USB-C to USB-C Cable
- Wrist Strap
- Get Started Guide

Data Reader with Charging Dock (White)

- Data Reader
- Charging Dock with Barrel Jack Connector (If selected)
- Barrel Jack to USB-A Cable
- Wrist Strap
- Get Started Guide

Data Reader with Charging Stand

- Data Reader
- Charging Stand (If selected)
- Wrist Strap
- Get Started Guide

Data Reader with Magnetic Holder for Scanner & Phone

- Data Reader
- Charging Cable
- Magnetic Holder for Scanner & Phone
- Wrist Strap
- Get Started Guide

Common Uses

- Warehouse Management
- Mobile Delivery Services
- Logistics Management
- Inventory Management
- Industrial & Manufacturing Solutions
- Track & Trace
- Inspections & Audits

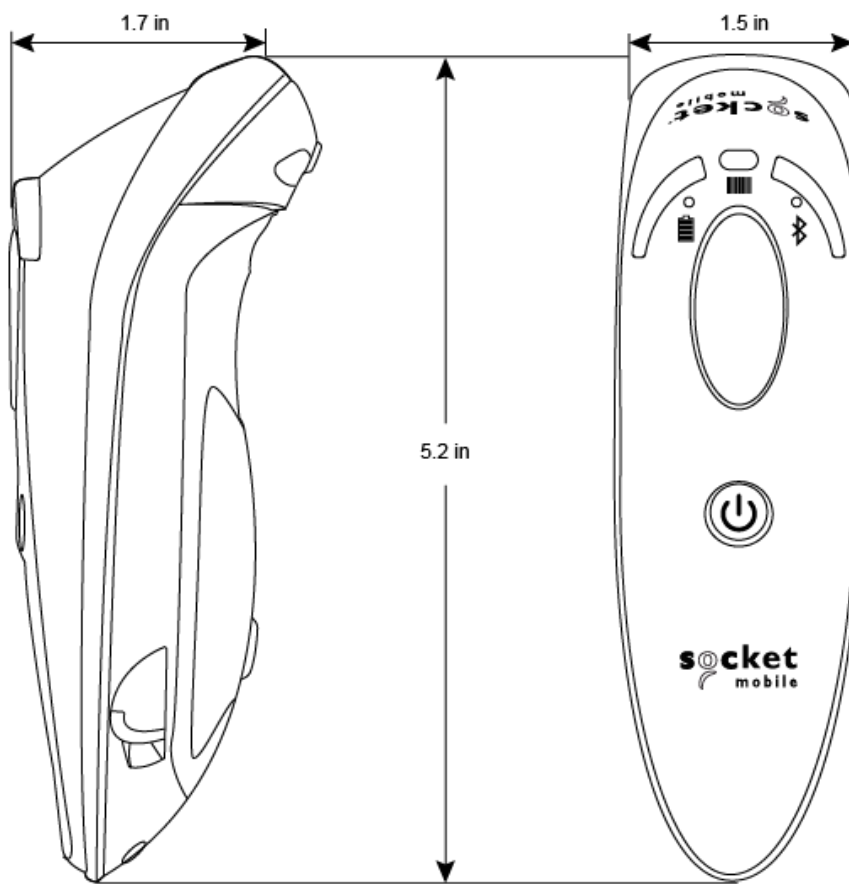
User Environments

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.
Drop Specifications	Six drops onto concrete - one on each side at 6.6 ft. (2 m)
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)

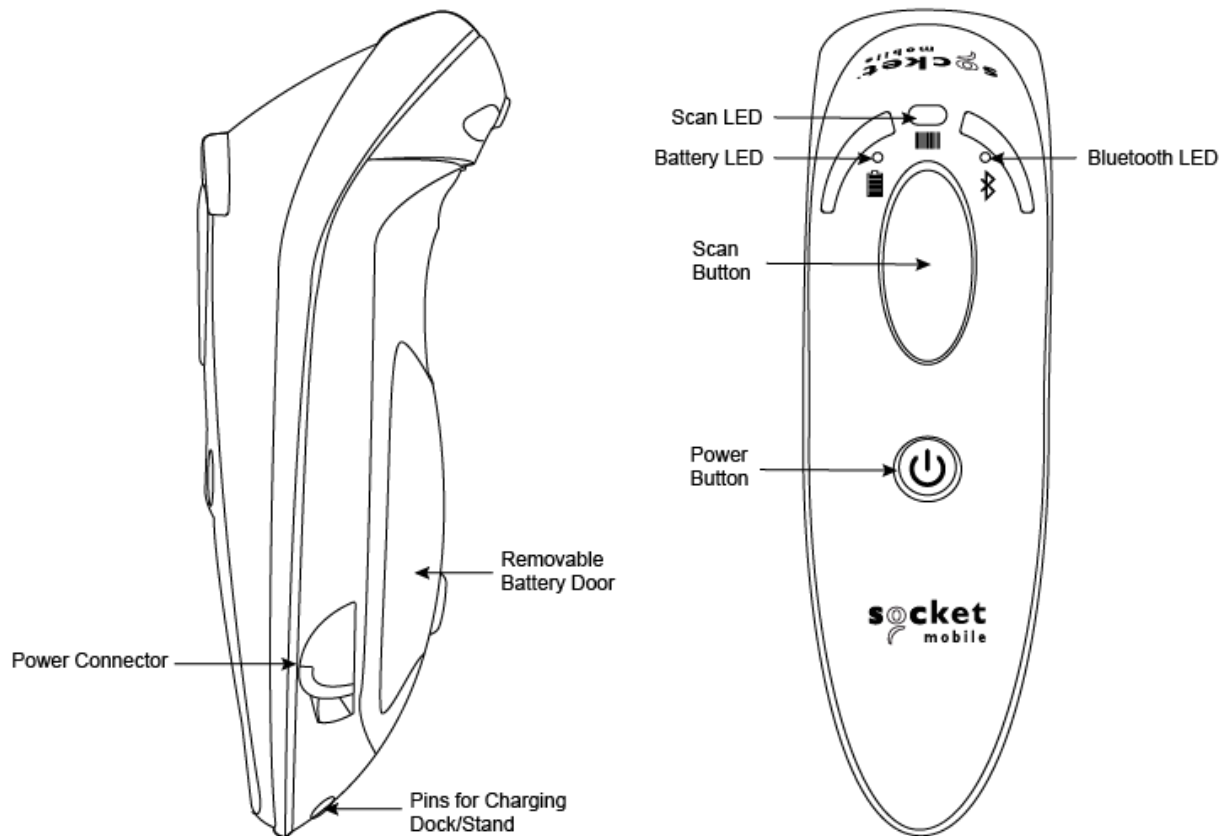
Tumble Specification

2,500 cycles at 3.3 ft. (1 m) to a metal plate, IEC6008-2-31, IEC60068-2-32 3.

Dimensions



External Control



Operating Systems



Reading Performance

Default Barcode Symbolologies

- **1D Symbolologies:** Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Gs1 128, Gs1 Databar Expanded, Interleaved 2 5, Isbt 128 Udi, Trioptic, Upc A, Upc E
- **2D Symbolologies:** Aztec, Composite, Data Matrix, Dotcode, Gs1 Data Matrix, Gs1 Qr, Han Xin, Maxicode, Micropdf417, Micro Qr, Pdf417, Qr
- **OCR Typeface:** Ocr A, Ocr B

Learn how to [enable and disable](#) data types.

Supported Barcode Symbolologies

- **1D Symbolologies:** Code 11, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Matrix 2 5, Msi
- **Postal Codes:** Australia Post, Japan Postal, Mailmark, Netherlands Kix, Uk Postal, Us Planet, Us Postnet, Usps 4Cb One Intelligent Mail
- **OCR Typeface:** Micr E13b

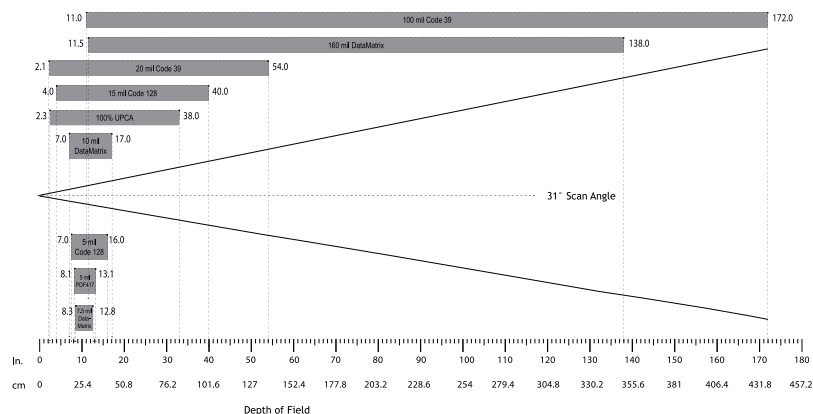
Learn how to [enable and disable](#) data types.

Print Contrast Down to 25%-20%

Scan Angle 44.5° (Horizontal) - 33.5° (Vertical)

Sensor Resolution 1280 horizontal x 960 vertical pixels

Reading Distance



5.8 to 436.9 cm (2.3 to 172 in.) Depends on barcode size, symbology, label media.

5 mil Code 128 7.4 in./18.8 cm (Near) 16.0 in./40.6 cm (Far)

5 mil PDF417 8.1 in./ 20.6 cm (Near) 13.1 in./ 33.3 cm (Far)

7.5 mil DataMatrix 8.3 in./ 21.1 cm (Near) 12.8 in./ 32.5 cm (Far)

10 mil DataMatrix 7.0 in./ 17.8 cm (Near) 17.0 in./ 43.2 cm (Far)

Decode Range

100% UPCA 2.3* in./ 5.8* cm (Near) 38.0 in./ 96.5 cm (Far)

15 mil Code 128 4.0* in./ 10.2* cm (Near) 40.0 in./ 101.7 cm (Far)

20 mil Code 39 2.1* in./ 5.3* cm (Near) 54.0 in./ 137.2 cm (Far)

100 mil Code 39 11.0 in./ 27.9 cm (Near) 172.0 in./ 436.9 cm (Far)

160 mil DataMatrix 11.5 in./ 29.2 cm (Near) 138.0 in./ 350.5 cm (Far)

* All decode ranges based on Grade A, photographic quality barcodes printed on paper.

Battery Information

Battery Type 1 rechargeable Lithium Ion Polymer (replaceable battery)

Charge Time 6

Life of battery 500 charge-discharge cycles

Battery Friendly with standby time:

- Over 20 hours

Life per full charge**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).

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**

- **CX4294-3445** - D762 (Black), Cable Only
- **CX4320-3453** - D762 (Black), Charging Dock
- **CX4321-3454** - D762 (Black), Charging Stand
- **CX4357-3490** - D762 (Black), Magnetic Holder for Scanner & Phone

- **CX4323-3456** - D762 (Gray), Cable Only
- **CX4324-3457** - D762 (Gray), Charging Dock
- **CX4325-3458** - D762 (Gray), Charging Stand
- **CX4358-3491** - D762 (Gray), Magnetic Holder for Scanner & Phone

- **CX4327-3460** - D762 (Red), Cable Only
- **CX4328-3461** - D762 (Red), Charging Dock
- **CX4329-3462** - D762 (Red), Charging Stand
- **CX4359-3492** - D762 (Red), Magnetic Holder for Scanner & Phone

- **CX4331-3464** - D762 (White), Cable Only
- **CX4333-3466** - D762 (White), Charging Dock
- **CX4332-3465** - D762 (White), Charging Stand

- **CX4360-3493** - D762 (White), Magnetic Holder for Scanner & Phone

