

1D BARCODES, 2D BARCODES, DPM BARCODES

DuraScan D764

Durable Professional DPM 1D/2D Barcode Scanner

Reads:



DPM | High-Volume Scanning | IP54 Rating
Capture even the most challenging direct part marks with precision and confidence.

The D764 delivers tough durability, advanced DPM 1D/2D scanning performance, and seamless Bluetooth® connectivity for mobile workflows. Built for industries where accurate verification and traceability are critical, the D764 ensures reliable data capture in demanding environments.

The DuraScan D764 DPM 1D/2D Barcode Scanner is specifically engineered to read direct part marks etched onto metal, plastic, glass, and other challenging surfaces. Whether the marks are created through dot peen, laser etching, chemical etching, or inkjet printing, the D764 excels at capturing complex codes with varying contrasts, textures, and densities. Its high-performance scanning capabilities make it an essential tool for healthcare, manufacturing, automotive, electronics, and other industries where verification and traceability are paramount.

In addition to reading DPM barcodes, the D764 also reads very small barcodes with support for virtually every standard 1D and 2D barcode—including worn, low-contrast, and poorly printed labels—giving your business end-to-end traceability without the need for multiple devices. This versatility allows teams to manage inventory, validate components, and track assets with a single, unified scanner.

Designed with durability in mind, the DuraScan D764 is IP54-rated for dust and water resistance and built to withstand multiple drops, ensuring dependable performance in demanding work environments. With a specialized working range of 1.1 to 7.3 inches (depending on barcode type and size), the D764 captures intricate DPM and 1D/2D codes with precision at close range. Compact, lightweight, and highly portable, its

Bluetooth® connectivity pairs easily with iPhones, iPads, and other Bluetooth-enabled mobile devices—offering complete mobility and reliable data transmission without the hassle of cords.

When paired with an app enabled with Socket Mobile's [CaptureSDK](#), the D764 integrates seamlessly into the mobile application, empowering users to verify and track critical components with confidence. From healthcare to manufacturing, the D764 delivers the reliable performance and precise DPM scanning needed to tackle complex traceability challenges.

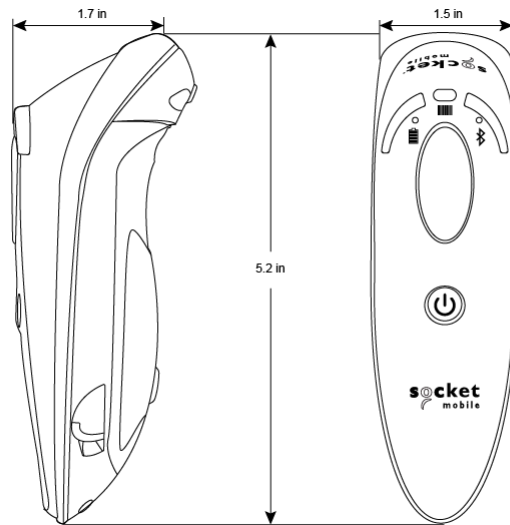
Features

- **Multi-Device Compatibility** — Apple® Certified for iOS devices (iPhone®, iPad®) and compatible with Android®, and Windows® 10.
- **Rapid Scanning** — Captures direct part marks (DPM) etched onto metal, plastic, glass, and other challenging surfaces with reliable performance even on low-contrast or textured materials, as well as standard 1D and 2D printed or on-screen barcodes. Featuring omnidirectional capability for intuitive, rapid scanning.
- **Close Working Range** — Optimized for reading small and high-density barcodes at working distances between 1.1 and 7.3 inches, depending on barcode type and size.
- **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.
- **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.
- **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

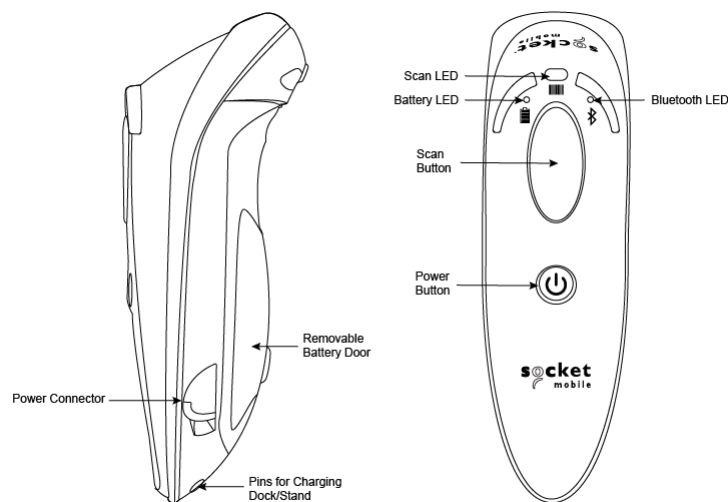
reliable data transfer over Bluetooth wireless technology. Data reader works out of the box for apps that have already integrated CaptureSDK, with support for Bluetooth LE devices.

- **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.
- **Long Life Scanning Trigger** — The trigger is rated for 5 million actuations (trigger presses).

Dimensions



External Control



Reading Performance

Default Barcode Symbologies

- **1D Symbologies:** Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Gs1 128, Gs1 Databar Expanded, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Interleaved 2 5, Isbt 128 Udi, Trioptic, Upc A, Upc E
- **2D Symbologies:** 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 Symbologies

- **1D Symbologies:** Code 11, 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

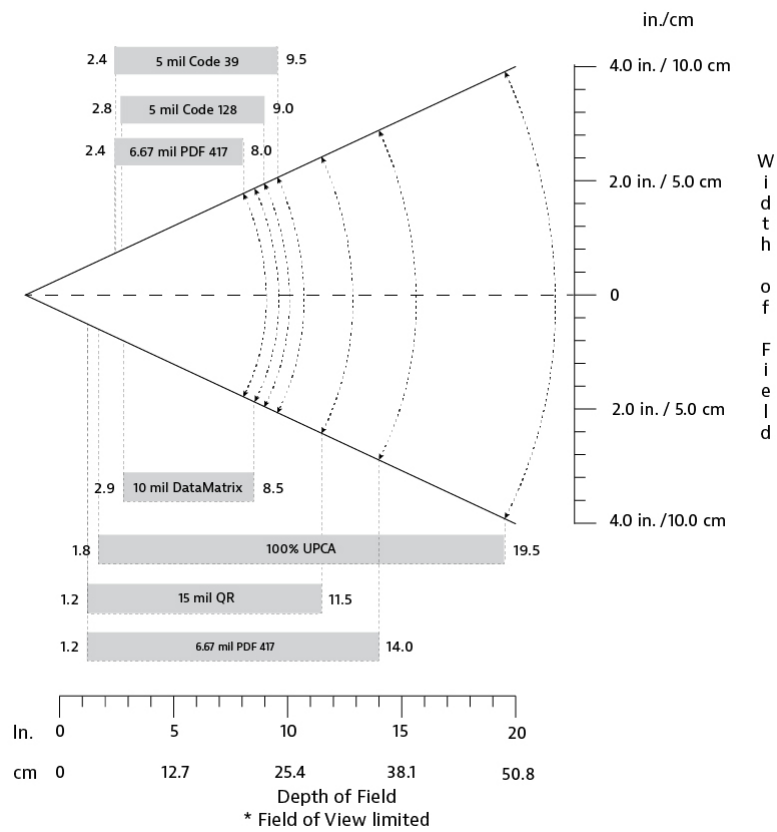
Learn how to [enable and disable](#) data types.

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 4

Life per full charge **Standby time:** 16 hours
Active Operation: 2,400 reads

Battery weight 35g

Percentage lithium 26.5%

mAh 1000

Cells per battery 1

Watts per battery 3.7

Cell type Proprietary

Chemical composition Lithium - polymer

Lithium content 3.0g

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 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).

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

Operating Systems



Packaging

Data Reader with Charging Cable

- Data Reader
- Charging Cable
- Get Started Guide

Data Reader with Charging Dock

- Data Reader
- Charging Dock (If selected)
- Get Started Guide

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.

Certification & Regulatory



Product SKUs

- **CX4314-3447** - D764 (Black), Cable Only
- **CX4680-3963** - D764 (Black), Charging Dock (Black)

- **CX4433-3618** - D764 (Gray), Cable Only
- **CX4681-3964** - D764 (Gray), Charging Dock (Black)

- **CX4434-3619** - D764 (Red), Cable Only
- **CX4682-3965** - D764 (Red), Charging Dock (Black)

- **CX4435-3620** - D764 (White), Cable Only
- **CX4683-3966** - D764 (White), Charging Dock (White)

