

Reads:



1D BARCODES, 2D BARCODES

SocketScan S720

General-Purpose 1D/2D Barcode Scanner

Entry-Level Scanning | **Low-Volume Scanning**
Scans on Screen

The SocketScan S720 is a Bluetooth Barcode Scanner that reads 1D and 2D barcodes on paper and screen. It's lightweight, ergonomically designed, and comes with long-lasting batteries.



Great for everyday general-purpose scanning, the S720 2D barcode reader scans popular 2D barcodes such as PDF417, QR Codes, and Data Matrix. It is exceptionally easy to use, with intuitive notifications for battery level, Bluetooth connection, and scanning status.

The S720 is wireless, providing increased mobility and productivity and helping reduce human error. 2D barcodes offer the next step in versatility, functionality, and efficiency that cannot be achieved with linear 1D barcodes. Using 2D barcodes with an effective barcode reader gives your business an accurate and easy way to track inventory and assets and scan products, digital IDs, and/or credentials from mobile wallets. Designed for the budget-conscious business, the S720 is a great everyday general-purpose 2D barcode reader that scans the most popularly used 2D barcodes such as PDF417, QR Codes and Data Matrix.

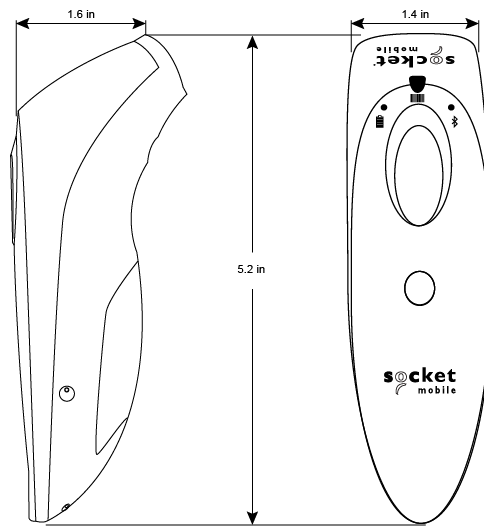
Available in the following bundles

- **S720 + [Charging Dock](#)** – The Charging Dock is for 600/700 series data readers. It charges your reader while keeping it available for active use.
- **S720 + [Charging Stand](#)** – The Socket Mobile Charging Stand is designed for flexible use with protective features to safeguard your barcode scanner.

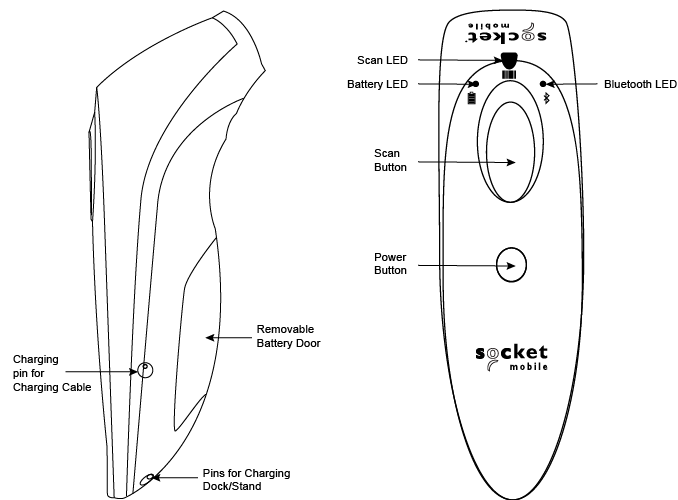
Features

- **Multi-Device Compatibility** — Apple® Certified for iOS devices (iPhone®, iPad®) and compatible with Android® and Windows® 10.
- **Rapid 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.
- **Bluetooth Classic Wireless Integration** — Dependable Bluetooth connection to host devices.
- **Long-Lasting Battery** — Scanner 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.
- **Developer Support** — Our support team is available to assist with set-up and operation.
- **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.
- **Hands-Free Scanning** — Automatically scans barcodes when set to Auto (Presentation) Mode and positioned in a dock or stand.
- **1-Year Warranty Included** — **Extended warranty** options also available.
- **Designed and Assembled in the USA** — All socket mobile data readers are built at our headquarters in Fremont, CA.

Dimensions



External Control



Reading Performance

Default Barcode Symbologies

- **1D Symbologies:** Codabar, Code 39, Code 93, Code 128, EAN-13, EAN-8, Interleaved 2 of 5, ISBT 128, UPC A, UPC E1
- **2D Symbologies:** Data Matrix, Micro QR Code, PDF417, QR Code

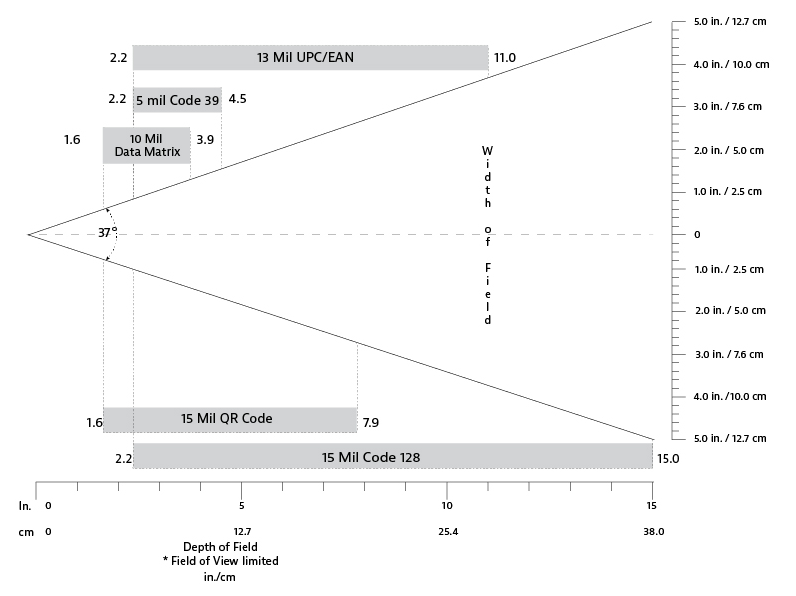
Supported
Barcode
Symbologies

- **1D Symbologies:** Chinese 2 of 5, Codabar, Code 11, Code 16KCode 39, Code 93, Code 128, Discrete 2 of 5, EAN-13, EAN-8, GS1 Databar, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI Plessey, UPC A, UPC E1, Standard 2 of 5, UK Plessey
- **2D Symbologies:** Aztec, Data Matrix, Han Xin, Micro PDF417, Micro QR Code, PDF417, QR Code

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



Scan Angle

44.5° (Horizontal) - 33.5° (Vertical)

Reading Distance: 3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media

	Near	Far
	2.4 in/6.1 cm	9.5 in/24.1 cm
	2.8 in/7.1 cm	9.0 in/22.9 cm
	2.4 in/6.1 cm	8.0 in/20.3 cm
	2.9 in/7.4 cm*	8.5 in/21.6 cm
	1.8 in/4.6 cm*	19.5 in/49.5 cm
	1.2 in/3.0 cm*	11.5 in/29.2 cm
	1.2 in/3.0 cm	14.0 in/35.6 cm

Battery Information

Battery Type 2 rechargeable NiMh (replaceable battery)

Charge Time ~6 Hours

Life of battery 500 charge-discharge cycles

Life per full charge

Standby time:

- Over 20 hours

Active Scan Time:

- 70,000 scans within 9 hours based on two scans every 1 second
- 12,000 scans within 15 hours based on one scan every 4 seconds

Battery weight 54.5g

Percentage lithium N/A

mAh 2000 mAh

Cells per battery 1

Watts per battery 2.4

Cell type AA

Chemical composition Nickel Metal Hydride

Lithium content N/A

Voltage 2.4v

Hazmat UN Number N/A

ROHS Compliance Yes, on the battery & data reader

Country of origin China

Commodity code 8507.50.0000

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 with Charging Cable

- Data Reader
- Charging Cable
- Wrist Strap
- Get Started Guide

Data Reader with Charging Dock

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

Data Reader with Charging Stand

- Data Reader
- Charging Stand (If selected)

- Wrist Strap
- Get Started Guide

Common Uses

- Retail Solutions
- Travel & Hospitality 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.
Drop Specifications	4 ft. drop to linoleum.
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
- FCC ID: T9J-RN42
- IC ID: 6514-RN42
- Telec: R 201-125709

LED Safety:

- IEC/EN 62471 (EXEMPT GROUP)



Product SKUs

Scanner only

- CX3974-3031 - S720 (Blue)
- CX3972-3029 - S720 (Black)
- CX3980-3037 - S720 (Green)
- CX3976-3033 - S720 (Red)
- CX3982-3039 - S720 (White)
- CX3978-3035 - S720 (Yellow)

Scanner & Charging Dock Bundle

- CX3985-3042 - S720 (Blue) with Charging Dock (Black)
- CX3991-3048 - S720 (Blue) with Charging Dock (White)
- CX3984-3041 - S720 (Black) with Charging Dock (Black)
- CX3986-3043 - S720 (Green) with Charging Dock (Black)
- CX3994-3051 - S720 (Green) with Charging Dock (White)
- CX3987-3044 - S720 (Red) with Charging Dock (Black)

- CX3992-3049 - S720 (Red) with Charging Dock (White)
- CX3988-3045 - S720 (White) with Charging Dock (Black)
- CX3990-3047 - S720 (White) with Charging Dock (White)
- CX3989-3046 - S720 (Yellow) with Charging Dock (Black)
- CX3993-3050 - S720 (Yellow) with Charging Dock (White)

Scanner & Charging Stand Bundle

- CX4064-3127 - S720 (Blue) with Charging Stand
- CX4063-3126 - S720 (Black)with Charging Stand
- CX4067-3130 - S720 (Green) with Charging Stand
- CX4065-3128 - S720 (Red) with Charging Stand
- CX4068-3131 - S720 (White) with Charging Stand
- CX4066-3129 - S720 (Yellow) with Charging Stand

