socket mobile

2D/1D Imager
Barcode Scanner



SocketScan® S720

Linear Barcode Plus QR Code Scanner

The S720 can read both 1D and 2D barcodes on paper and on screen. As part of our SocketScan family of data readers, it can do all that your legacy barcode scanner can do, bringing you into the next wave of barcode and QR code scanning on mobile devices. The S720 barcode scanner is lightweight, ergonomically designed and comes with long-lasting batteries. It is exceptionally easy to use, with intuitive notifications for battery level, Bluetooth connection, and scanning status.

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

Made for iPod iPhone iPad Bluetooth®

Features

- **Compatible with Apple® iOS devices (iPad®, iPhone®, iPod Touch®) and Android, Windows®, Mac and Linux.**
- **Scanning** – 2D and 1D barcode scanning.
- **Auto Scan Mode** - Presentation Mode (automatic scanning) provides continuous scanning capabilities without pressing the scan button.
- **Exceptional Ergonomics** – Small, light and fits perfectly in the hand for comfortable use over extended periods of time.
- **Long-Lasting, Replaceable, Rechargeable Battery** - Power to last over 16 hours on a single charge.
- **User Indicators** – Intuitive LEDs for Bluetooth connection, battery level and scanning status.
- **User Feedback** - Audible tones and pulsation.
- **LED Aimer** - Bright, rectangular illumination field with LED pointer for precise aiming.
- **Decoding Ability** - Reads damaged and poorly printed barcodes.
- **Developer Support Available** - The Socket Mobile development team is available to help integrate CaptureSDK into your app.
- **Native App Support** – Socket Mobile's CaptureSDK enables easy native app integration in your applications to improve business productivity.
- **Accessories** - Wrist strap included. Optional: Holster and Durable Retractable Clip available.
- **Designed and Assembled in the USA.**
- **1-Year Warranty Included** – optional extended warranty options available.

Physical Characteristics



Intuitive LED Indicators
- Battery LED: Green, Amber and Red
- Bluetooth LED: Blue
- Scan LED: Green and Red



Power Button
- On/Off
  (enabled on-screen keyboard)
  in Basic Mode

Scan Button

Weight/Mass
- 4.1 oz. (117 g)

Single Package includes

(1) SocketScan S720, 2D/1D Barcode Scanner
(1) Charging Cable
(1) Wrist Strap
(1) Get Started Insert

The S720 is available in 6 colors:





Download on the App Store

GET IT ON Google Play

Socket Mobile Companion App Download for easy setup!

Optional Accessories

Charging Stand



Great for using AutoScan Mode

Charging Dock



Ideal as a desktop charger

Durable Retractable Clip



Provides quick access to scanner

Holster



Safe and accessible placement

Flexguard



Keeps the scanner at your fingertips

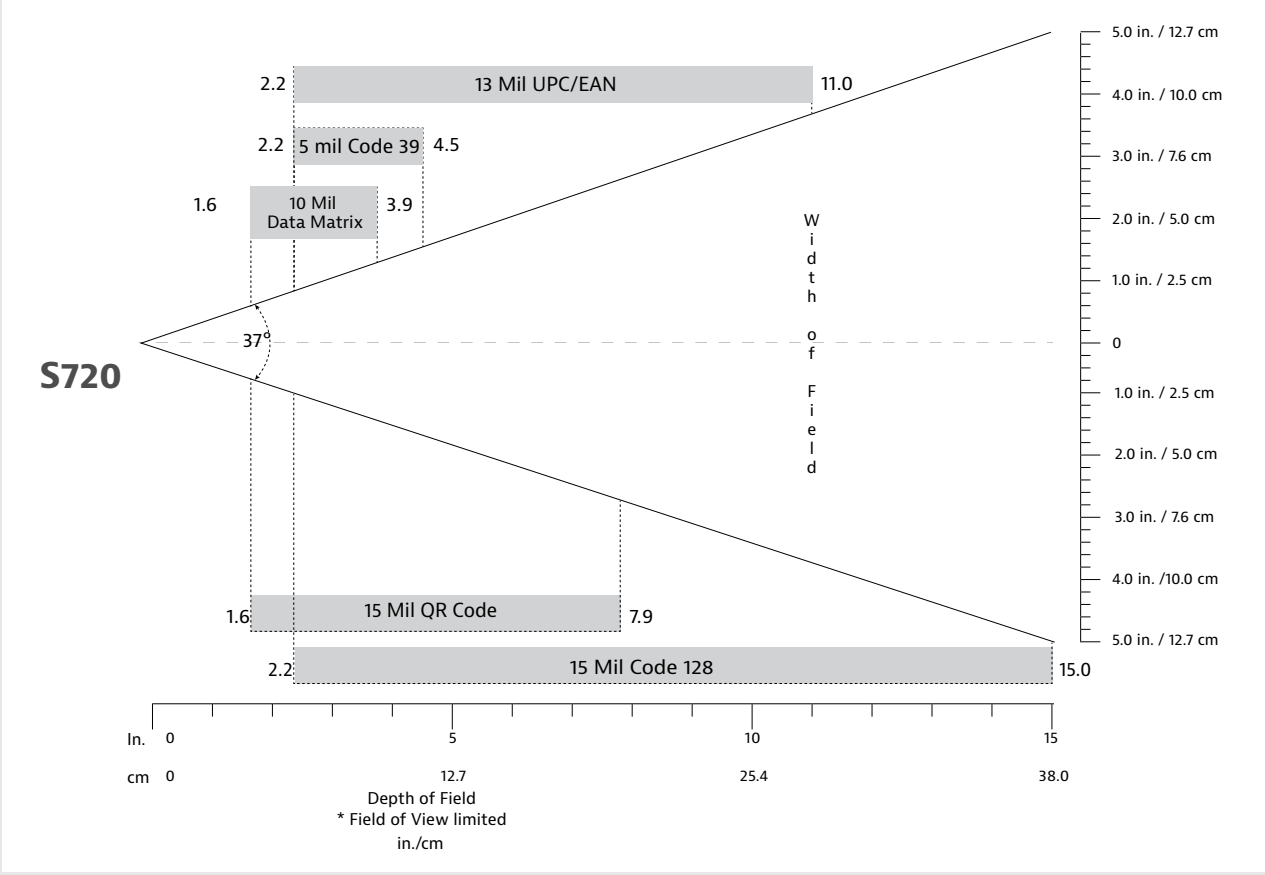
Scanner & Phone Holder



Nice one-handed option

Scanning 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
Scan Angle:	44.5° (Horizontal) - 33.5° (Vertical)
Sensor Resolution:	1280 horizontal x 960 vertical pixels
Print Contrast:	Down to 25%
Reading Distance:	4.0 to 38.0 cm (1.6 to 15 in.) Depends on barcode size, symbology, label media



Decode Ranges

	Near	Far
5 mil Code 39	2.2 in/5.5 cm	4.5 in/11.5 cm
10 mil DataMatrix	1.6 in/4.0 cm	3.9 inc/10.0 cm
13 Mil UPC/EAN	2.2 in/5.5 cm	11.0 in/28.0 cm
15 Mil Code 128	2.2 in/5.5 cm	15.0 in/38.0 cm
15 mil QR Code	1.6 in/4.0 cm	7.9 inc/20.0 cm

Scanner Type

Technology:	2D/1D Barcode Imager
Light Source:	LED
Aimer:	Red

Battery

Battery Type:	2 rechargeable, 2000 mAh (LR6) NiMH (replaceable battery)
Charge Time:	~6 Hours
Battery Life:	500 charge-discharge cycles
Battery Life - Per Full Charge:	Standby time: over 20 hours Active Scan Time: 70,000 scans within 9 hours based on 2 scans every 1 second 12,000 scans within 15 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 visit* https://www.socketmobile.com/support/battery-information.
Number of Batteries Used:	2
Weight of Battery:	54.5g
Percentage Lithium:	N/A
Battery mAh:	2000 mAh
Number of Cell Per Battery:	1
Watt Hours Per Battery:	2.4
Type of Cell (ex.AA):	AA
Chemical Composition (ex. Alkaline):	Nickel Metal Hydride
Lithium Content:	N/A
Battery Voltage:	2.4v
Hazmat UN Number:	N/A
ROHS Compliance Indicator:	Yes, included with scanner
Country of Origin:	China
Commodity Code:	8507.50.0000

Warranty

Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare



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 m (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.*

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:	-40° to 70° C (-40° to 158° F)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Drop Specifications:	4 ft. drop to linoleum

Operating System Compatibility

Android OS - Basic Mode (HID) & Application Mode (SPP)	Mac OS - Basic Mode (HID) only
Apple iOS - Basic Mode (HID) & iOS Application Mode*	Windows OS 10, Basic Mode (HID) & Application Mode (SPP)
Supported Language Setting in Basic Mode (HID): 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)*	

iOS

Common Uses

Mobile Point of Sale	Asset Tracking	Loyalty
Shipping Labels	Transportation	Inventory Management
Ticket Processing	Delivery Services	Hospitality

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-RN42 IC ID: 6514-RN42 Telec: R 201-125709
LED Safety:	IEC/EN 62471 (EXEMPT GROUP)
ISO 9001 Accreditation	ANAB ACCREDITED ISO/IEC 17021 MANAGEMENT SYSTEMS CERTIFICATION BODY; ISO 9001 IAPMO R&T

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