# SocketScan® S700

## Linear Imager Barcode Scanner

The SocketScan S700 1D linear barcode scanner with Bluetooth wireless technology scans on paper or screen. It has a lightweight, ergonomic structure, and a long-lasting battery to withstand entire work days. The lights for battery, Bluetooth and scanning notifications make the scanner more intuitive to use. The S700 is designed to be software compatible with all applications. Updates on operating systems may alter the devices' performance.

This scanner is ideal for retail POS, field service, inventory management, asset tracking and more. Use our Companion App for easy set up and configuration.

For the most reliable and consistent performance, please verify with your application provider that Socket Mobile's latest Capture SDK was implemented in your app.

Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch® devices) and compatible with Android and Windows®

## Features

- **Bluetooth Wireless Technology -** Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebook and desktop computers
- **Certified by Apple® for iOS devices – Guaranteed Compatibility -** With Capture SDK integrated in over 700+ applications, Socket Mobile scanners are one of the most natively integrated scanners available today. Socket Mobile Scanners are also 100% compatible with any application out-of-the-box in HID (keyboard emulation) mode.
- **Compatible with all Android and Windows devices and applications**
- **Scanning -** Reads all common 1D / linear and stacked barcodes
- **Exceptional Ergonomics -** Small, lightweight, and fits perfectly in the hand for comfortable use over extended periods
- **Long-Lasting, Replaceable Battery –** Power to last a full work day, up to 9 hours of consistent usage
- **User Indicators –** Intuitive LEDs, beeps, and vibrations let users know battery, Bluetooth connection and scanning status
- **User Feedback -** Audible tones and hand pulsation
- **Color Options -** Black, blue, green, red, white and yellow colors enable style, corporate-branding for personalization and the bright colors are easier to find in most work environments
- **Application Integration –** Socket Mobile's Capture SDK enables integration in your applications to improve business productivity with fast, efficient and reliable data transfer over Bluetooth wireless technology
- **Wearable -** Includes wrist strap. Holster, lanyard and retractable clip available (sold separately)
- **Designed and Assembled in the USA**
- **Developer Support Available**
- **1-Year Warranty**

1.5 in.
37.1 mm

1.6 in.
40.1 mm

5.2 in.
132.2 mm

**Status Indicators**
· Beep
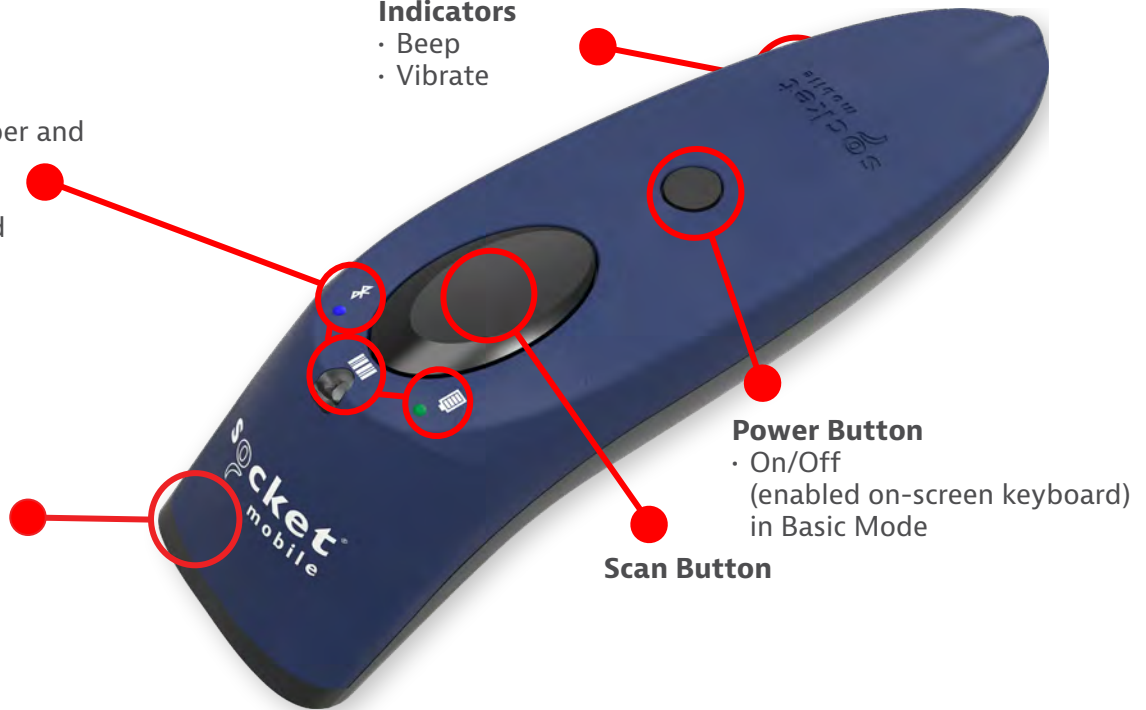· Vibrate

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

**Weight/Mass**
· 4.0 oz. (113 g)

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

**Scan Button**

(1) SocketScan S700, 1D Barcode Scanner
(1) Charging Cable
(1) Wrist Strap
(1) Get Started Insert

**Socket Mobile Companion**
Download for easy setup of scanner

The S700 is available in 6 colors:

| Colors: | S700 | S700 w/ Black Charging Dock | S700 w/ White Charging Dock |
|---------|------|------------------------------|------------------------------|
| Black:  | CX3803-2563 | CX3805-2565 | |
| Blue:   | CX3360-1682 | CX3465-1933 | CX3484-1979 |
| Green:  | CX3395-1853 | CX3463-1931 | CX3524-2126 |
| Red:    | CX3391-1849 | CX3461-1929 | CX3522-2124 |
| White:  | CX3397-1855 | CX3464-1932 | CX3483-1978 |
| Yellow: | CX3393-1851 | CX3462-1930 | CX3523-2125 |

## Optional Accessories

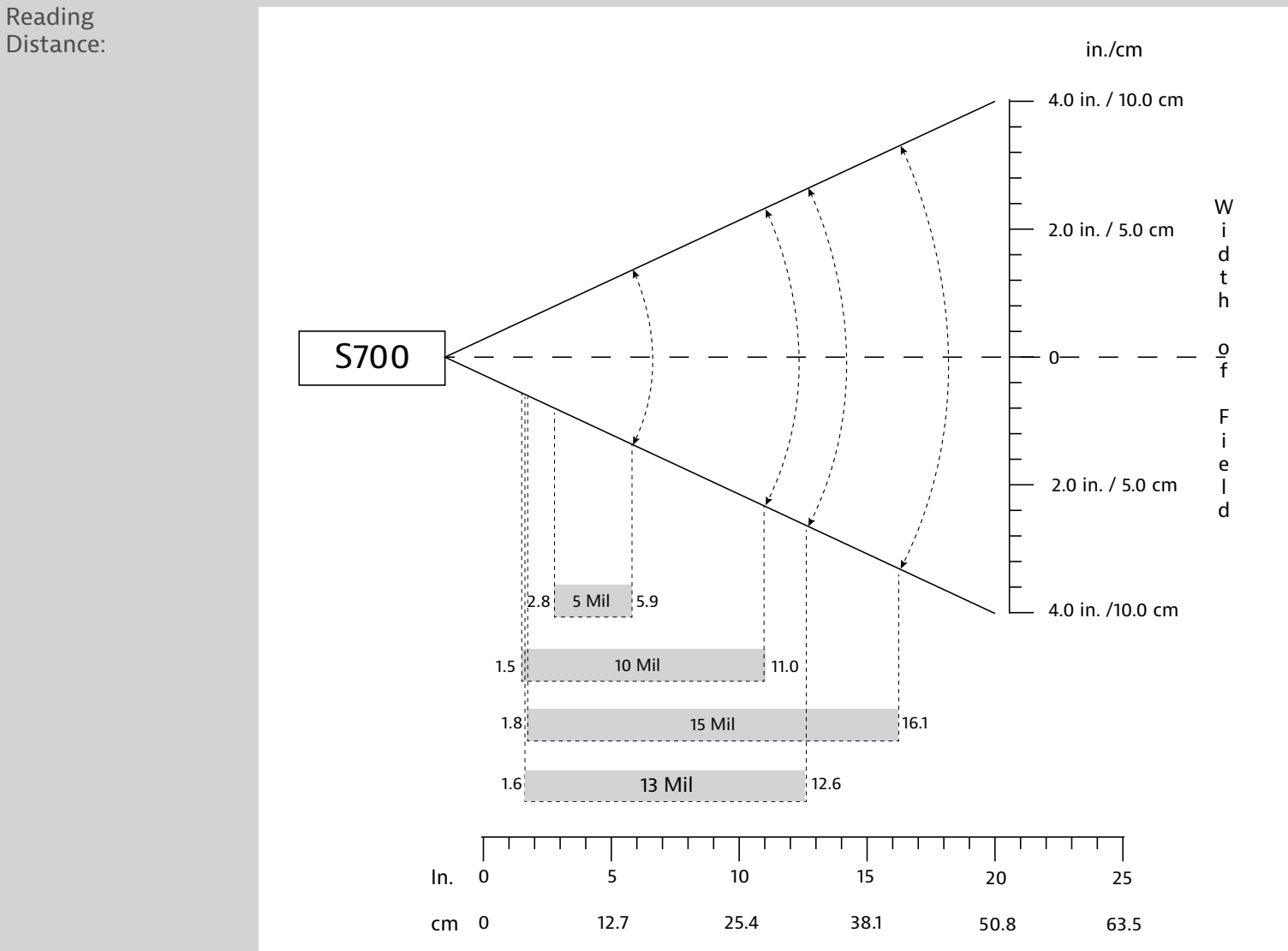| Charging Stand | Charging Dock | Durable Retractable Clip |
|----------------|---------------|---------------------------|
| Great for using AutoScan Mode | Ideal as a desktop charger | Provides quick access to scanner |
| Holster | Wrist Strap | Scanner & Phone Holder |
| Convenient for attaching to a belt & keeping the scanner by your side | Keeps the scanner at your fingertips | Nice one-handed option |

## Warranty

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

| | |
|---|---|
| Technology: | 1D Barcode Linear Imager |
| Aimer: | Visible Red LED (625 nanometers) |

## Scanning Performance

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|---|---|
| Default Barcode Symbologies: | Code 39, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, UPC-A, UPC-E1 |
| Supported Barcode Symbologies: | Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, Matrix 2 of 5, UPC-A, UPC-E1 |
| Scan Angle: | 53° |
| Optical Resolution: | 5 mil/0.1 mm |
| Print Contrast: | 30% minimum |
| Reading Distance: | |



1D codes 3.5 to 41 cm (1.4 to 16.1 in) Resolution Depends on barcode size, symbology, label media.

| Resolution | Near | Far |
|---|---|---|
| 5 Mil | 2.8 in./ 7 cm | 5.9 in./ 15 cm |
| 10 Mil | 1.4 in./ 3.5 cm | 11.0 in./ 28 cm |
| 15 Mil | 1.8 in./ 4.5 cm | 16.1 in./ 41 cm |
| 13 Mil | 1.6 in./ 4.0 cm | 12.6 in./ 32 cm |

# Battery

| | |
|---|---|
| Battery: | 2 AA NiMH rechargeable batteries (replaceable battery) |
| Charge Time: | ~6 Hours |
| Battery Life: | 500 charge-discharge cycles |
| Battery Life Per Full Charge: | Standby time: over 20 hours<br>Active Scan Time: 80,000 scans within 9 hours (based on 2 scans every 1 second)<br>7,000 scans within 7 hours (based on 1 scan every 4 seconds) |
| Note: | Battery life varies depending on ambient temperature, ambient light and age of battery.<br>*For more battery information click here.* |
| Number of Batteries Used: | 2 |
| Weight of battery: | 54.5g |
| Percentage Lithium: | N/A |
| Battery mAh: | 2000 mAh |
| Number of cells 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 |

# Bluetooth (wireless connection)

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|---|---|
| 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 Application Mode - MFi-SPP. Some Operating Systems or smartphone/tablet models may support only one profile.<br>*By default, the scanner is set to Basic Mode (HID).* |

# User Environment

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|---|---|
| Ambient Light: | From 0 to 100 000 lux<br>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. to linoleum |

# Operating System compatibility

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|---|---|
| Android OS: Basic Mode (HID)* & Application Mode (SPP) | Mac OS: Basic Mode (HID)* only |
| Apple iOS: Basic Mode (HID)* & Application Mode (MFi-SPP) | Windows OS: 10, 8, and 7: Basic Mode (HID)* & Application Mode (SPP) |
| Compatible with devices supporting Basic Mode (HID)* protocol | |

Language Support:     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 Basic Mode (keyboard emulation: HID). 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).*

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# Common Uses

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|---|---|
| Retail/Point of Sale | Warehouse management |
| Office use | Shipping and Receiving |
| Healthcare | Field Sales/Service |
| Mobile Tracking | Hospitality |

# Certification & Regulatory

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|---|---|
| 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<br>FCC ID: T9J-RN42<br>IC ID: 6514-RN42<br>Telec: Ⓡ 201-125799 |
| LED Safety: | IEC/EN 62471 (EXEMPT GROUP) |
| ISO 9001 Accreditation | |