socket mobile

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2D/1D Imager
Barcode Scanner

# S740 DATASHEET
# SOCKETSCAN®

## Ergonomic and Elegant

The SocketScan S740 2D/1D imager barcode scanner with Bluetooth wireless technology scans either 1D or 2D barcodes on paper or screen. It has a lightweight, ergo¬nomic structure, and a long-lasting battery to withstand entire work days. The five color options fit most styles and environment needs. The lights for battery, Bluetooth and scanning notifications make the scanner more intuitive to use. Compatible with all ap¬plications in previous Socket Mobile barcode scanners, without software changes.
This scanner is dressed to impress both consumers and end users in retail and office settings. Ideal for retail POS, field service, inventory management, asset tracking and more. Use our Companion App for easy set up and configuration.

Made for iPod iPhone iPad  Bluetooth®

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

## Features

- **Bluetooth Wireless Technology -** Connects easily to a wide range of Bluetooth enabled smart-phones, tablets, notebook and desktop computers.
- **Scanning -** Fast 2D & 1D, omni-directional, barcode scanning with highly visible and safe LED aimer.
- **LED Aimer -** Bright, rectangular illumination field with LED dot for precise aiming.
- **Exceptional Ergonomics -** Small, lightweight, and fits perfectly in the hand for comfortable use over extended periods.
- **User Indicators -** Intuitive LEDs, beeps, and vibrations let users know battery, Bluetooth connec-tion and scanning status.
- **Long-Lasting, Replaceable Battery -** Power to last over 16 hours.
- **Protective Material -** Made with antimicrobial material for protection against potentially harmful bacteria.
- **Color Options -** Blue, green, red, white and yellow colors enable corporate-branding personaliza-tion and is easy to find in busy work environments.
- **Auto Scan Mode -** Presentation Mode (automatic scanning) provides continuous scanning capabilities without pressing the scan button.
- **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.

**Status Indicators**
- Beep
- Vibrate

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

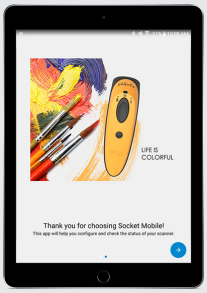
**Power Button**
- On/Off
  (enabled on-screen keyboard)
  in Basic Mode

**Scan Button**

**Weight/Mass**
- 4.0 oz. (113 g)

# SINGLE PACKAGE INCLUDES

(1) SocketScan S740, 2D/1D Barcode Imager
(1) Charging Cable
(1) Wrist Strap
(1) Get Started Insert




Download on the App Store

GET IT ON Google Play

**Socket Mobile Companion Download for Free!**

The S740 is available in 5 colors:

Blue (SKU# CX3431-1881)
Green (SKU# CX3417-1836)
Red (SKU# CX3413-1832)
Yellow (SKU# CX3415-1834)
White (SKU# CX3419-1838)

# OPTIONAL ACCESSORIES

Charging Stand
SKU# AC4076-1538

Great for using Presentation Mode

Scan & Charge Dock
SKU# AC4133-1871

Ideal as a destop charger

Lanyard - Black
AC4100-1692

Great for hanging around your neck

Durable Retractable Clip
AC4130-1828

Provides quick access to scanner

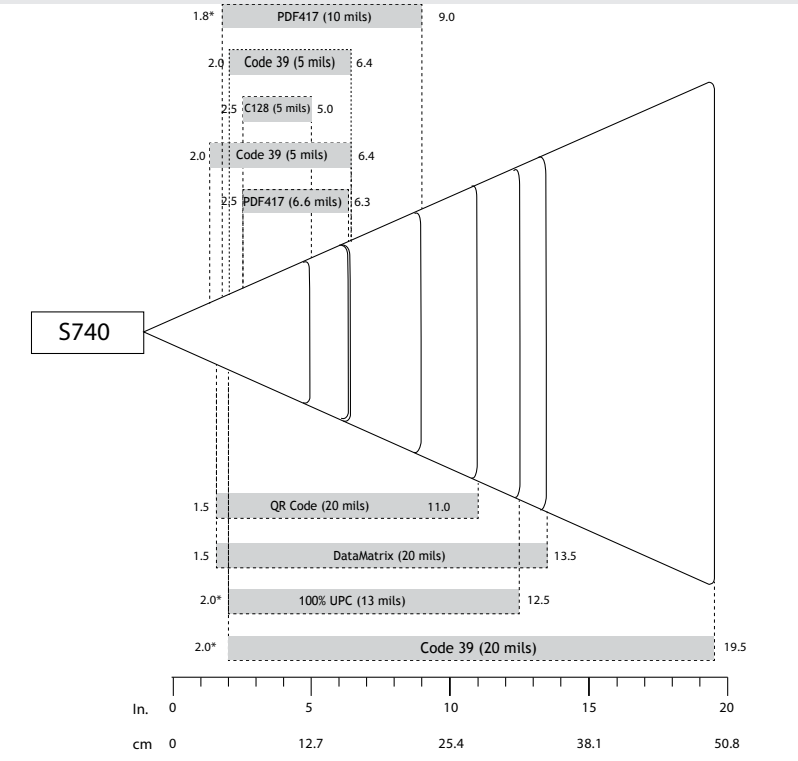
Holster
AC4131-1829

Safe and accessible placement

# WARRANTY

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

# SCANNING PERFORMANCE

| | |
|---|---|
| Default Barcode Symbologies: | **1D Symbologies:** Australia Post, Codabar, 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, ISBT 128, UPC A, UPC EO<br>**2D Symbologies:** Aztec, Data Matrix, Maxicode, Micro PDF417, PDF417 |
| Supported Barcode Symbologies: | **1D Symbologies:** Australia Post, Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC, Discrete 2 of 5, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO<br>**2D Symbologies:** Aztec, Data Matrix, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code |
| Scan Angle: | 42° (Horizontal) - 28° (Vertical) |
| Sensor Resolution: | 640 horizontal x 400 vertical pixels |
| Print Contrast: | Down to 25% |
| Reading Distance: |  <br>4.5 to 49.5 cm (1.5 to 19.5 in.) Depends on barcode size, symbology, label media, Narrow and Wide ratio, scan angle |

# BATTERY

| | |
|---|---|
| Battery: | 2 rechargeable, 2000 mAh (LR6) NiMH (replaceable battery) |
| Charge Time: | ~6 Hours |
| Battery Life - Per Full Charge: | Standby time: over 20 hours<br>Active Scan Time: 70,000 scans within 9 hours based on 2 scans every 1 second<br>17,000 scans within 19 hours based on 1 scan every 4 seconds |
| Note: | Battery life varies depending on ambient temperature, ambient light and age of battery. |

# 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 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).* |

## SCANNER TYPE

| | |
|---|---|
| Technology: | 2D/1D Barcode Linear Imager |
| Light Source: | Hyper Red 660 nm (nanometer) LED |
| Aimer: | 610 nm LED |

## 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)* & Application Mode (MFi-SPP) | Windows OS - 10, 8, and 7 - Basic Mode (HID)* & Application Mode (SPP) |
| Compatible with devices supporting Basic Mode (HID)* protocol | |
| *Supported keyboard Languages - English, French, German and Spanish* | |
| **By default the scanner is in Basic Mode (HID). No software installation required.* | |

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

iOS OS X

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

Industry Canada SRRC WEEE RoHS

## COMMON USES

| | | | |
|---|---|---|---|
| Retail/Point of Sale | Mobile Tracking | Transportation | Hospitality |
| Office use | Shipping & Receiving | Gaming | |
| Healthcare | Field Sales/Service | Banking | |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