



# XtremeScan® XS940

## 1D/2D Universal Barcode Scanner



Our most rugged, handheld barcode scanner, built for the harshest industrial environments. The XS940 combines a military-grade iPhone case with a durable barcode scanner that withstands heavy use in the most demanding conditions. The XtremeScan case provides IP67 sealed housing for protection from dust, water exposure and water immersion. It includes an integrated wireless charger, so you can charge the iPhone without removing it from the case.

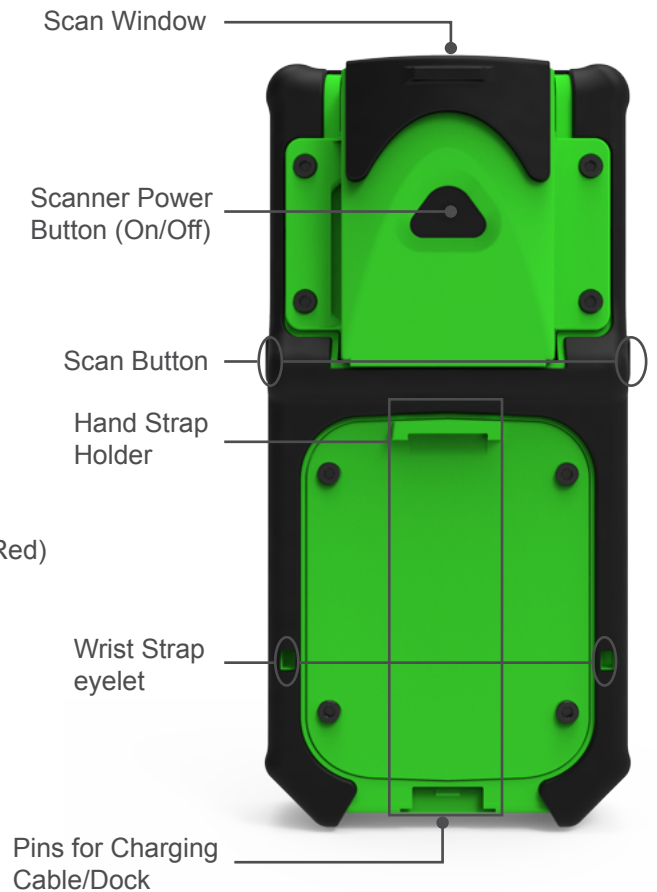
With a compatible iPhone, the XtremeScan XS940 1D/2D universal barcode scanner becomes a versatile and powerful mobile solution that can be used with a variety of industrial applications. The XS940 features fast 1D/2D, omni-directional scanning for printed or on-screen barcodes with a highly visible and safe LED aimer. Depending on the barcode symbology, width, size, and label media, the XS940 can scan from 1.5 inches to 19.5 inches (3.8 to 49.5 cm). The industrial-grade, rugged housing can handle multiple drops onto concrete.

## FEATURES

- **Fits iPhone 15 & 15 Pro, 14 & 14 Pro, iPhone 13 & 13 Pro and iPhone 12 & 12 Pro.**
- **Scanning** – Fast 1D/2D, omni-directional scanning for printed or on-screen barcodes with highly visible and safe LED aimer.
- **Bluetooth Wireless Technology** – Dependable Bluetooth connection to iOS devices.
- **Battery Friendly®** – Barcode scanner features a rechargeable, field-replaceable battery that lasts a full shift.
- **User Indicators** – Intuitive LED lights that indicate scanning and scanner battery charging status.
- **Scanner Feedback** – Scanner provides audible scan tones to indicate successful scans.
- **Rugged Design** – IP67 sealed housing for protection from dust, water exposure and water immersion. Withstands multiple drops.
- **One-Handed Operation** – Insert the iPhone for a powerful, mobile, one-handed solution.
- **Protective** – Over molded rubber case protects both the Apple device and scanner.
- **Charging** – Case charges both devices (Apple iPhone & Socket Mobile scanner).
- **Accessories** – Hand strap and charging dock coming soon (sold separately or as a bundle).
- **Application Integration** – Socket Mobile's CaptureSDK enables easy integration in your applications to improve business productivity with fast, efficient, and reliable data transfer over Bluetooth wireless technology. XS940 works out of the box for apps that have already integrated with CaptureSDK.
- **Designed and assembled in the USA.**
- **1-Year Warranty (Extended warranty options available).**

# Physical Characteristics

Weight:



## Single Package Includes

- (1) XS940 1D/2D universal barcode scanner and Rechargeable Battery (pre-installed)
- (1) Charging Cable
- (1) Wrist Strap
- (1) Get Started insert



**Socket Mobile  
Companion App**  
Download for Free!



## Scanner Type

Technology:	1D/2D Barcode Linear Imager
Aimer:	Green LED

## Battery

Type of Battery:	Replaceable Lithium Ion Polymer- rechargeable battery	
Charge Time:	8 Hours	
Battery Life	500 charge-discharge cycles	
Battery Life - Per Full Charge:	Standby time:	25 hours
	Active Scan Time -	10,000 scans within 11 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light and age of battery. For more <a href="#">battery information</a> .	
Number of Batteries Used:	1	
Weight of battery:	12.5g	
Percentage Lithium:	36%	
Battery mAh:	700 mAh	
Number of cells per battery:	1	
Watt Hours per battery:	2.59	
Type of Cell ( ex. AA):	Proprietary	
Chemical Composition (ex. Alkaline):	Lithium - polymer	
Lithium Content:	14g	
Battery Voltage:	3.7v	
Hazmat UN Number:	UN3481, P.I. 967	
ROHS Compliance Indicator:	Yes, Included with Reader	
Battery only - Country of Origin:	China	
Commodity Code:	8507.60.0000	

# Scanning Performance

Default Barcode Symbologies:

**1D Symbologies:** Bookland EAN, 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

**2D Symbologies:** Aztec, Data Matrix, DotCode, Maxicode, Micro PDF417, PDF417, QR Code

**Postal Codes:** Australia Post

**OCR Typeface:** OCR-B ICAO Travel Documents

Supported Barcode Symbologies:

**1D Symbologies:** 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

**2D Symbologies:** Aztec, Data Matrix, DotCode, GS1 Data Matrix (S740 with Green scan LED only), GS1 QR Code (S740 with Green scan LED only), Maxicode, Micro PDF417, MicroQR, PDF417, QR Code

**Postal Codes:** Australia Post, Han Xin, Japan Postal, KIX Code, Maxicode, Netherlands, UPU FICS Posta, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail

**OCR Typeface (S740 with Green scan LED only):** OCR-A, OCR-B, MICR (E13B), US currency serial number

Scan Angle:

44.5° (Horizontal) 33.5° (Vertical)

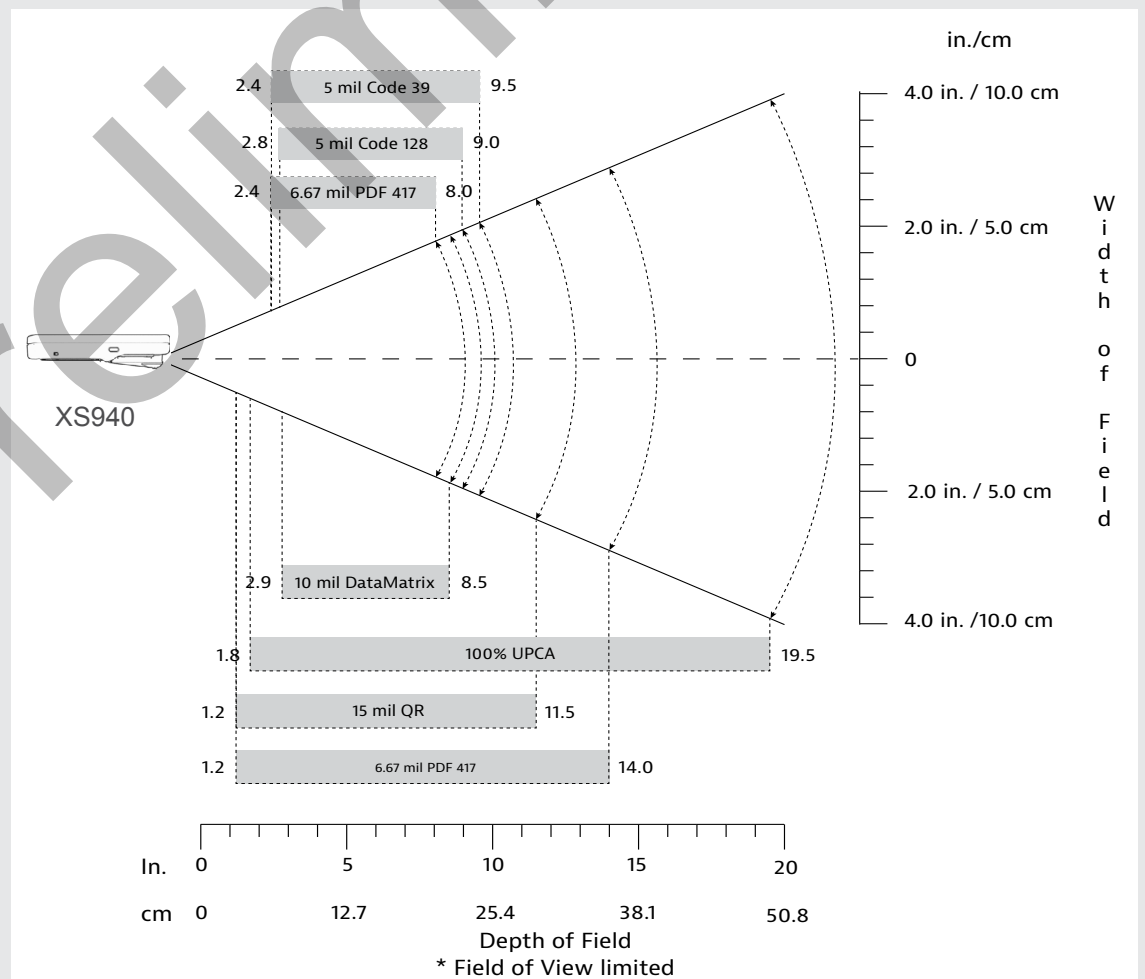
Sensor Resolution:

1280 x 960 pixels, rolling shutter

Print Contrast:

Down to 25%-20%

Reading Distance:



Decode Ranges:

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

	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

## 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 meters (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), App Mode - MFi-SPP*. Some Operating Systems or smartphone/tablet models may support only one profile. <i>*By default, the scanner is set to App Mode - MFi-SPP.</i>

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.

\*Chromebook and Linux support HID mode only.

## User Environment

Ambient Light:	From 4,800 to 86,000 lux From artificial indoor (fluorescent and incandescent) to natural outdoor lighting (direct sunlight)
Operating Temperature:	0° to 45° C (32° to 113° F)
Storage Temperature:	-5° to 70° C (-22° to 158° F)
Charging Temperature:	Charging in an ambient temperature above 40° C / 100° F may result in charging issues.
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP67 (Ingress protection rating for dust and water) meets IEC sealing and EN60529 specification
Tumble Specification:	1,000 6 ft. (1.83m) tumbles to concrete; exceeds IEC 60068-2-31, IEC60068-2-32 5,000 3.3 ft. (1m) tumbles to concrete; exceeds IEC60068-2-31, IEC60068-2-32
Drop Specification:	Standard: 10 ft. (3.1m) drop at room temperature per MIL-STD-810G, 8 ft. (2.4m) drop to concrete across temperature per MIL-STD-810G Freezer: 7 ft. (2.1m) drop to concrete across temperature per MIL-STD-810G.

## Operating System Compatibility

Apple iOS - Basic Mode (HID) and App Mode (MFi-SPP)\*

Compatible with devices supporting Basic Mode (HID) protocol. Supported keyboard languages - 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 App 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)*

## Certification & Regulatory

Bluetooth SIG:	Declaration ID: QD ID:
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, TELECOM FCC ID: IC ID:
LED Safety:	IEC 62471, EN 62471 (EXEMPT GROUP)

ISO 9001 Accreditation



## Warranty

Scanner:	Standard one year limited warranty for barcode scanners and case
Accessories:	90 days for batteries, charging cable
Extended Warranty: (sold separately)	<a href="https://sckt.tech/socketcare">https://sckt.tech/socketcare</a>



## Common Uses

Warehouse Inventory management

Supply Chain

Asset Tracking Shipping and Receiving

Commercial Services Mobile Tracking

Manufacturing

Construction

Automotive

Oil and gas

Aerospace

Transportation

Preliminary

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