



1D BARCODES

XtremeScan XS930

Rugged General-Purpose 1D Laser Barcode Scanner

Laser Scanning | **Rugged IP67 Rated****Scans Through Plastic or Glass**

The XS930 is designed to enable single-handed use of your Apple® iPhone® while providing industrial-grade scanning capabilities in harsh environments. With its high-performance scanning module, the XS930 allows you to effortlessly meet your daily scanning needs while utilizing your favorite iOS apps.

[Purchase with the Apple iPhone 17e.](#)

Compatible with iPhone 17e, 16e, 16, and 15.

The XtremeScan XS930 is a modular, rugged, handheld mobile data reader that combines an iPhone case and 1D laser barcode reader to form a one-handed, industrial-grade scanning solution. It features long-range scanning capability, making it ideal for applications scanning barcodes on floor labels and rack labels on high shelves. The scanner is integrated with a heavy-duty case and is designed to withstand heavy use in demanding industrial environments. The XtremeScan case provides IP67-sealed housing and protects against jets of low-pressure water. It includes an integrated wireless charger, so you can charge the iPhone without removing it from the case.

With a compatible iPhone, the XtremeScan XS930 laser barcode scanner becomes a versatile and powerful mobile solution that can be used with a variety of industrial applications. The XS930 has a class 2 laser that scans through plastic or glass, in bright or poor lighting conditions, sideways, upside down, or straight at imperfect



barcodes. Depending on the barcode symbology, width, size, and label media, the XS930 can scan from 1.2 inches (3.0 cm) to 180 inches (457.2 cm). The industrial-grade, rugged housing can handle multiple drops onto concrete.

Available in the following bundles

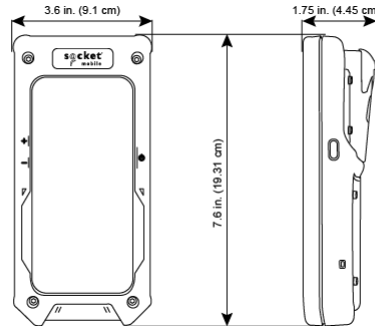
- **XS930 + iPhone 16e** – Includes a factory-new iPhone 16e, providing a complete industrial data capture solution for demanding environments. **NOTE: Will ship in 2 to 5 working days. NO overnight shipping.**

Features

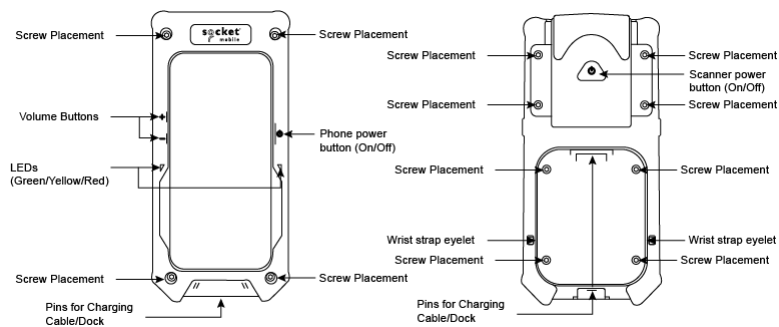
- **Rapid Scanning** — Fast 1D laser scanning for printed barcodes featuring a high-performance Class 2 laser. Ideal for moderate to rigorous scanning applications, handles thousands of scans per day and operates at distances of up to 180" (457.2 cm), depending on barcode size and quality.
- **Bluetooth Classic Wireless Integration** — Dependable Bluetooth connection to host devices.
- **Long-Lasting Battery** — Scanner features rechargeable and field-replaceable battery that lasts a full shift.
- **Rugged Design** — Built to withstand drops and harsh environments, with an IP67 sealed housing for protection from dust, water exposure, and water immersion.
- **Charging** — Case charges both devices (Apple iPhone & Socket Mobile scanner).
- **LED Aimer** — Bright, rectangular illumination field with **LED pointer** for precise aiming.
- **One-Handed Solution** — Easily combine the mobile device and data reader for a one-handed scanning solution.
- **Intuitive User Indicators** — **LED lights** that indicate successful data read/write and battery charging status.
- **Easy App Integration** — Socket Mobile's CaptureSDK (version 2.0.29 or higher) 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, with support for Bluetooth LE devices.
- **Audible Feedback** — Multiple **feedback tones** to indicate successful data read/write and other important action confirmations.
- **Developer Support** — Our support team is available to assist with set-up and operation.

- **1-Year Warranty Included** — **Extended warranty** options also available.
- **Designed and Assembled in the USA** — Socket mobile data readers are built at our headquarters in Fremont, CA.

Dimensions



External Control



Reading Performance

Default Barcode Symbologies

- **1D Symbologies:** Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Gs1 128, Gs1 Databar Expanded, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Interleaved 2 5, Isbt 128 Udi, Trioptic, Upc A, Upc E

Learn how to **enable and disable** data types.

Supported Barcode Symbologies

- **1D Symbologies:** Chinese 2 5, Code 11, Matrix 2 5, Msi

Learn how to **enable and disable** data types.

Optical Resolution

0.005 in. Minimum element width

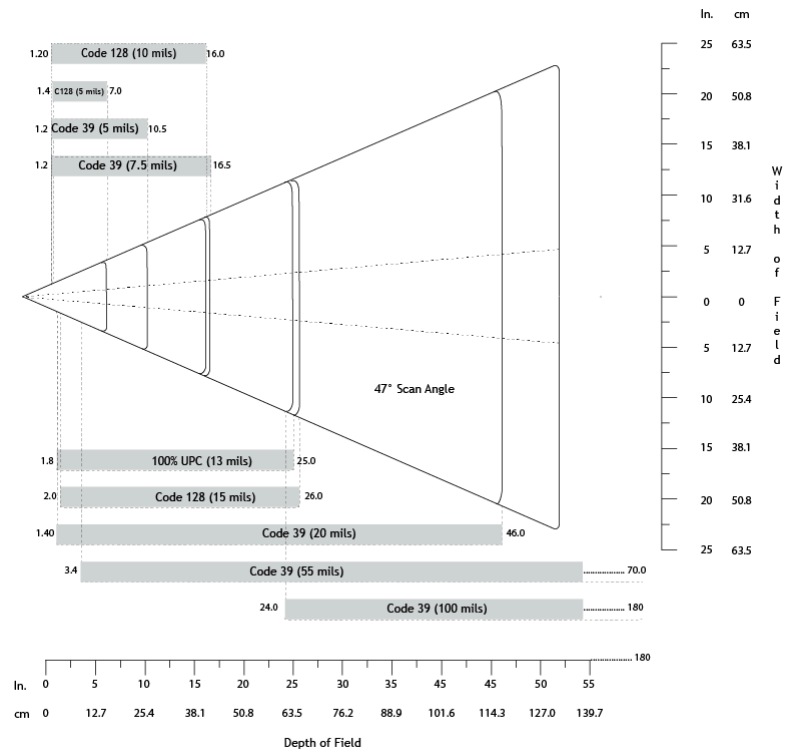
Print Contrast

Minimum 25% absolute dark/light Reflectance measured at 650 nm.

Scan Angle

Wide: 47° (Default) Medium: 35° Narrow: 10°

Reading Distance



1D codes 3.05 to 457.2 cm (1.2 in to 180 in). Depends on width and barcode size, symbology, label media.

Decode Ranges

	Near	Far
5 mil Code 39	1.2 in/3.0 cm	10.5 in/21.0 cm
5 mils Code 128	1.4 in/3.6 cm	7.0 in/26.7 cm
7.5 mils Code 39	1.2 in/3.0 cm	16.5 in/41.9 cm
10 mils Code 128	1.2 in/3.0 cm	16.0 in/40.6 cm
13 mils 100% UPC	1.8 in/4.6 cm	25.0 in/63.5 cm
15 mils Code 128	2.0 in/5.1 cm	26.0 in/66.0 cm
20 mils Code 39	1.4 in/3.6 cm	46.0 in/116.8 cm
55 mils Code 39	3.4 in/8.6 cm	70.0 in/177.8 cm
100 mils Code 39	24 in/61 cm	180.0 in/457.2 cm

Battery Information

Battery Type	1 rechargeable Lithium Ion Polymer (replaceable battery)
Charge Time	8 Hours

Life of battery	500 charge-discharge cycles
Life per full charge	<p>Standby time: 25 hours</p> <p>Active Scan Time: 10,000 scans within 11 hours (based on one scan every 4 seconds)</p> <p><i>Note: Battery life varies depending on ambient temperature, ambient light, and the age of the battery.</i></p>
Battery weight	12.5g
Percentage lithium	36.3%
mAh	700
Cells per battery	1
Watts per battery	2.59
Cell type	Proprietary
Chemical composition	Lithium - polymer
Lithium content	4.5g
Voltage	3.7v
Hazmat UN Number	UN3481, P.I. 967
ROHS Compliance	Yes, Included with Scanner
Country of origin	China
Commodity code	8507.60.0000

Bluetooth Information

Bluetooth Profiles	<ul style="list-style-type: none"> • Basic Mode - Human Interface Device (HID) • Application Mode - Serial Port Profile (SPP) • iOS Application Mode (Default) <p>Some Operating Systems or smartphone/tablet models may support only one profile.</p>
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 with USB-C to USB-A adapter
- Get Started Guide

Data Reader with Charging Dock

- Data Reader
- Charging Dock
- USB-C Cable
- Get Started Guide

Data Reader with Charging Dock and Mount

- Data Reader
- Charging Dock
- Mount
- USB-C Cable
- Get Started Guide

Data Reader with Holster

- Data Reader
- Charging Cable with USB-C to USB-A adapter
- Holster
- Get Started Guide

Common Uses

- [Transportation & Logistics Solutions](#)

- Industrial & Manufacturing Solutions
- Inspections & Audits
- Track & Trace

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	<p>Standard:</p> <ul style="list-style-type: none"> • 10 ft. (3.1m) drop at room temperature per MIL-STD-810G <p>Freezer:</p> <ul style="list-style-type: none"> • 8 ft. (2.4m) drop to concrete across temperature per MIL-STD-810G • 7 ft. (2.1m) drop to concrete across temperature per MIL-STD-810G.
Operating Temperature	0° to 45° C (32° to 113° F)
Relative Humidity	95% at 60° C (140° F) (non-condensing)
Sealing	IP67 (Ingress protection rating for dust and water) meets IEC sealing and EN60529 specifications.
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: D030529 QD ID: 82009

Electrical Safety:

- EN 62368-1:2020 + A11:2020
- IEC 62368-1:2018
- UL 62368-1:2019 R10.21
- CSA C22.2 NO. 62368-1:19

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: LUBMA41
- IC ID: 2529A-MA41M9

LED Safety:

- IEC 60825-1
- EN 60825-1



Product SKUs

- **CX4180-3247** - XS930 (Cable Only)
- **CX4576-3830** - XS930 (Charging Dock)
- **CX4577-3831** - XS930 (Charging Dock w/ Mount)
- **CX4578-3832** - XS930 (Holster)

