


**1D BARCODES, 2D BARCODES**

## XtremeScan Grip XG940

Rugged Performance 1D/2D Barcode Scanner w/Pistol Grip



High-Volume Scanning | Rugged IP67 Rated | Scans on Screen

Our most rugged, ergonomic barcode scanner, the XG940 is built for the harshest industrial environments. It combines a military-grade iPhone case, a durable barcode scanner, and a pistol grip handle into an easy "point & shoot" industrial-grade solution.

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

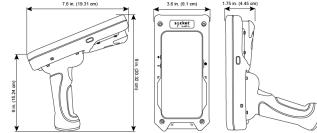
The scanner's integration with a heavy-duty case is designed to withstand demanding industrial environments, and the pistol grip handle provides an extra level of comfort and convenience for constant scanning during long shifts. The XtremeScan case provides IP67-sealed housing for protection from dust, 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 Grip XG940 1D/2D Universal barcode scanner becomes a versatile and powerful mobile solution that can be used with a variety of industrial applications. The XG940 features fast 1D/2D, omnidirectional 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 XG940 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.

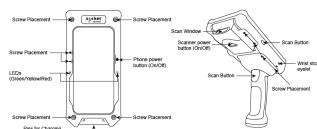
### Features

- Rapid Scanning** — Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- Rugged Design** — Built to withstand drops and harsh environments, with an IP67 sealed housing for protection from dust, water exposure, and water immersion.
- Pistol Grip Handle** — Comfortable point-and-shoot barcode reading.
- Charging** — Case charges both devices (Apple iPhone & Socket Mobile scanner).
- One-Handed Solution** — Easily combine the mobile device and data reader for a one-handed scanning solution.
- Long-Lasting Battery** — Scanner features rechargeable and field-replaceable battery that lasts a full shift.
- Intuitive User Indicators** — LED lights that indicate successful data read/write and battery charging status.
- Audible Feedback** — Multiple feedback tones to indicate successful data read/write and other important action confirmations.
- Bluetooth Classic Wireless Integration** — Dependable Bluetooth connection to host devices.
- 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.
- 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



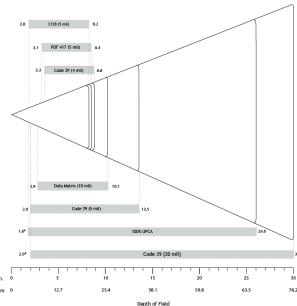
### Reading Performance

- 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, ISBN 128 UDI, Trioptic, Upc A, Upc E
- 2D Symbologies:** Aztec, Composite, Data Matrix, Dotcode, GS1 Data Matrix, GS1 QR, Han Xin, Maxicode, MicroPDF417, Micro QR, PDF417, QR
- OCR Typeface:** OCR B

Learn how to [enable and disable](#) data types.

**Default Barcode Symbologies**

<b>Supported Barcode Symbologies</b>	<ul style="list-style-type: none"> <li><b>1D Symbolologies:</b> Chinese 2 S, Code 11, Matrix 2 S, Ms1</li> <li><b>Postal Codes:</b> Australia Post, Japan Postal, Mailmark, Netherlands Kix, UK Postal, US Postnet, Usps 4Cb One Intelligent Mail</li> <li><b>OCR Typeface:</b> Micr E13b, Ocr A</li> </ul> <p>Learn how to <a href="#">enable and disable</a> data types.</p>
<b>Scan Angle</b>	44.5° (Horizontal) - 33.5° (Vertical)
<b>Sensor Resolution</b>	1280 horizontal x 960 vertical pixels
<b>Print Contrast</b>	Down to 25%-20%



4.1 to 91.7 cm (1.6 to 35.1 in.) Depends on barcode size, symbology, label media.		
	<b>Near</b>	<b>Far</b>
3 mil Code 39	3.0 in/5.8 cm	7.6 in/14.7 cm
5 mil Code 128	2.3 in/5.8 cm	9.8 in/24.9 cm
5 mil PDF 417	3.0 in/7.6 cm	7.9 in/20.1 cm
<b>Decode Ranges</b>	6.67 mil PDF 417	2.5 in/6.3 cm
	10 mil DataMatrix	2.1 in. / 5.3 cm
	100% UPC A	1.6 in/4.1 cm*
	15 mil Code 128	2.4 in. / 6.1 cm
	20 mil Code 39	1.6 in/4.1 cm*
	20 mil QR Code	1.1 in. / 2.8cm

## Battery Information

<b>Battery Type</b>	1 rechargeable Lithium Ion Polymer (replaceable battery)
<b>Charge Time</b>	8 Hours
<b>Life of battery</b>	500 charge-discharge cycles
<b>Life per full charge</b>	<p><b>Standby time:</b> 25 hours</p> <p><b>Active Scan Time:</b> 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>
<b>Battery weight</b>	12.5g
<b>Percentage lithium</b>	36.3%
<b>mAh</b>	700
<b>Cells per battery</b>	1
<b>Watts per battery</b>	2.59
<b>Cell type</b>	Proprietary
<b>Chemical composition</b>	Lithium - polymer
<b>Lithium content</b>	4.5g
<b>Voltage</b>	3.7v
<b>Hazmat UN Number</b>	UN3481, P.I. 967
<b>ROHS Compliance</b>	Yes, Included with Scanner
<b>Country of origin</b>	China
<b>Commodity code</b>	8507.60.0000

## Bluetooth Information

<b>Bluetooth Range</b>	Up to 10 meters (33 ft.), depending on the environment. The range limit is usually due to the Host Device (phone, tablet, or notebook).
<b>Bluetooth Radio</b>	Class 2 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
<b>Bluetooth Profiles</b>	<ul style="list-style-type: none"> <li><b>Basic Mode</b> - Human Interface Device (HID)</li> <li><b>Application Mode</b> - Serial Port Profile (SPP)</li> <li><b>iOS Application Mode</b> (Default)</li> </ul> <p>Some Operating Systems or smartphone/tablet models may support only one profile.</p>

## 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

- Warehouse Management
- Manufacturing
- Commercial Solutions
- Transportation & Logistics Solutions

## User Environments

**Ambient Light** From 0 to 100 000 lux. From pitch black to direct sunlight.

**Operating Temperature** 0° to 45° C (32° to 113° F)

**Storage Temperature** -40° to 70° C (-40° 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 specifications.

#### Standard:

- 10 ft. (3.1m) drop at room temperature per MIL-STD-810G

**Drop Specifications** Freezer:

- 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.

## 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



