



Compatible with:



Made for
iPhone | iPad | iPod

Reads:



1D BARCODES, 2D BARCODES

XtremeScan Grip

XG963

Rugged Long-Range 1D/2D Barcode
Scanner w/ Pistol Grip

High-Performance Scanning

Long-Distance Scanning

Rugged IP67 Rated

Transform your Apple® iPhone® into a tough, long-range barcode scanning solution designed for demanding industrial environments. With an ergonomic pistol grip and advanced scanning technology, the XG963 allows workers to capture 1D/2D barcodes at extreme distances (up to 46 feet) with speed and accuracy.

Purchase with the Apple iPhone 16e.



This product uses a different Bluetooth connection method (Bluetooth LE) than some other Socket Mobile readers and **requires a supported software application.** Before purchasing, please confirm your app uses the latest version of Socket Mobile's [CaptureSDK](#). Or [contact us](#) to discuss your requirements.

Compatible with iPhone 16e, 16, 15, 14 & 14 Pro, iPhone 13 & 13 Pro and iPhone 12 & 12 Pro.

The XtremeScan Grip XG963 combines a military-grade iPhone case, a powerful long-range barcode scanner, and a pistol grip handle into a high-performance industrial scanning solution. Designed for warehousing, logistics, manufacturing, and field operations, this rugged scanner enables employees to capture data at exceptional distances, reducing the need for repositioning or climbing to reach codes in hard-to-access areas.

Equipped with a long-range 1D/2D scanning engine, the XG963 reads barcodes from 2.2 inches all the way up to 46 feet, depending on barcode type and size. Whether scanning labels on high warehouse racks or close-range assets, the XG963 ensures fast, omnidirectional scanning with a highly visible and safe LED aimer. With a compatible iPhone, the XG963 becomes a versatile and powerful mobile solution compatible with a variety of industrial applications.

Built for industrial-grade durability, the XtremeScan housing features IP67 sealing, protecting it from dust, water exposure, and water immersion. The integrated wireless charging system eliminates the need to remove the iPhone, ensuring seamless power management and protection throughout the workday. The pistol grip handle provides enhanced comfort and control for continuous scanning during long shifts—perfect for professionals who demand efficiency and reliability in high-volume environments.

Available in the following bundles:

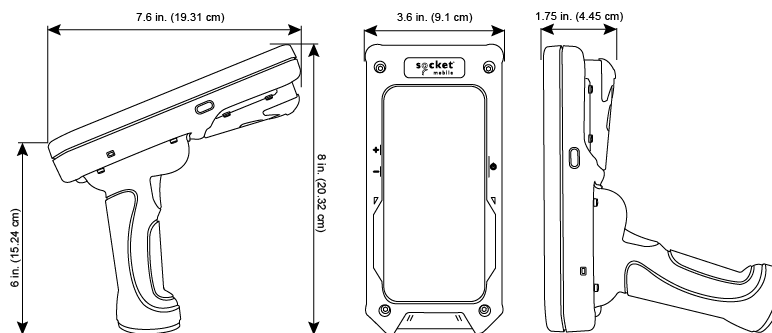
- **Scanner + iPhone 16e** – Includes the XtremeScan scanner and a factory-new iPhone 16e, providing a complete industrial data capture solution for demanding environments.

Features

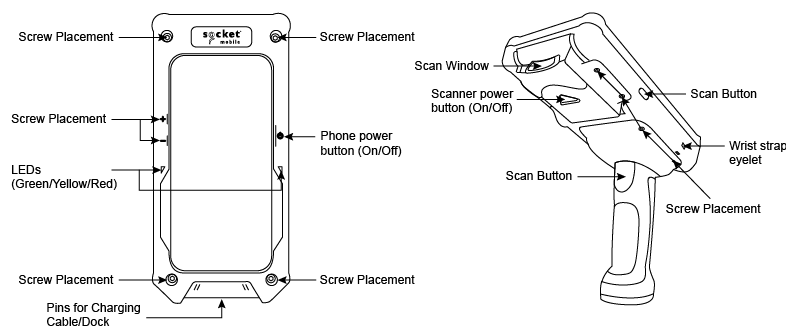
- **Rapid Scanning** — Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- **Advanced Decoding** — Accurately captures data from scratched, damaged, smudged, or low-contrast barcodes, helping to reduce failed scans, minimize delays, and increase productivity when working in challenging environments.
- **Extended Range** — Scans barcodes ranging in size from 5 mil to 160 mil, at distances from 2.1 inches to 14 feet.
- **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.
- **One-Handed Solution** — Easily combine the mobile device and data reader for a one-handed scanning solution.
- **Bluetooth Wireless Integration** — Dependable Bluetooth connection to host devices.
- **Long-Lasting Battery** — Features rechargeable and field-replaceable battery that lasts a full shift.
- **Intuitive User Indicators** — **LED lights** that indicate successful scanning and battery charging status.
- **Audible Feedback** — Multiple **feedback tones** to indicate successful scans/reads and other important action confirmations.
- **LED Aimer** — Bright, rectangular illumination field with **LED pointer** for precise aiming.
- **Charging** — Case charges both devices (Apple iPhone & Socket Mobile scanner).
- **Interchangeable Scanner** — Data reader can be detached & used separately, attached to a different iPhone/iPod, or inserted into any DuraSled Case.

- **Easy App Integration** — Socket Mobile's Capture SDK 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.
- **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** — All 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 39, Code 93, Code 128, EAN-13/JAN, EAN8/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, EAN8/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 (Green scan LED only):** OCR-A, OCR-B, MICR (E13B), US currency serial number

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

Scan Angle

44.5° (Horizontal) - 33.5° (Vertical)

**Sensor
Resolution**

1280 horizontal x 960 vertical pixels

**Print
Contrast**

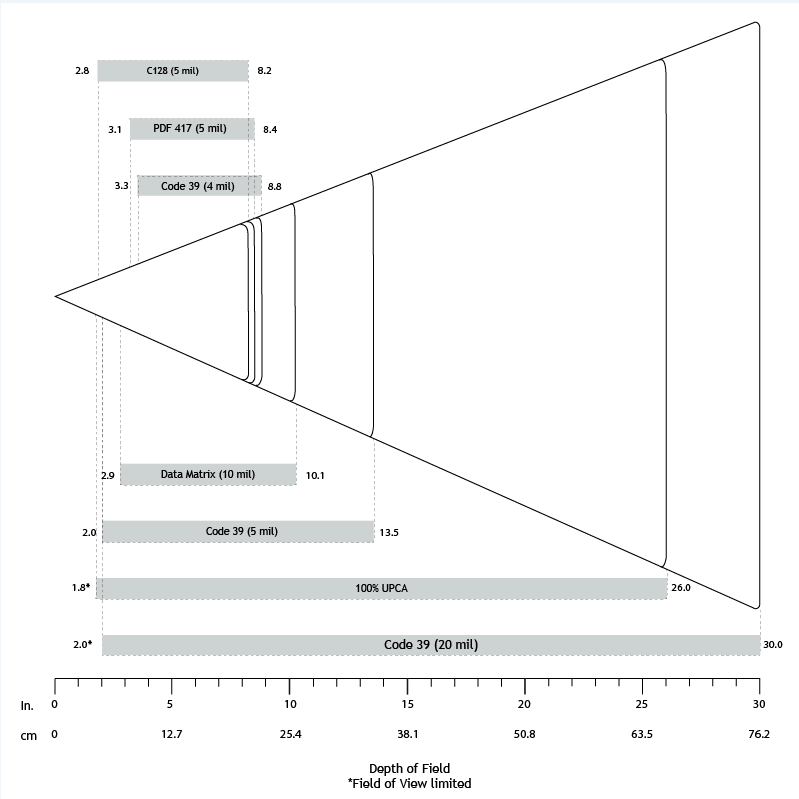
Down to 25%-20%

4.1 to 91.7 cm (1.6 to 35.1 in.) Depends on barcode size, symbology, label media.

**Decode
Ranges**

	Near	Far
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
6.67 mil PDF 417	2.5 in/6.3 cm	10.1 in/25.7 cm
10 mil DataMatrix	2.1 in. / 5.3 cm	11.0 in. / 27.8 cm
100% UPC A	1.6 in/4.1 cm*	24.9 in/63.2 cm
15 mil Code 128	2.4 in. / 6.1 cm	27.8 in. / 70.6 cm
20 mil Code 39	1.6 in/4.1 cm*	36.1 in/91.7 cm
20 mil QR Code	1.1 in. / 2.8cm	17.5 in. / 44.5 cm

**Reading
Distance**



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	Standby time: 25 hours Active Scan Time: 10,000 scans within 11 hours (based on one scan every 4 seconds) <i>Note: Battery life varies depending on ambient temperature, ambient light, and the age of the battery.</i>
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	• Basic Mode - Human Interface Device (HID) • Application Mode - Serial Port Profile (SPP) • iOS Application Mode (Default)
	Some Operating Systems or smartphone/tablet models may support only one profile.
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
- Charging Cable with USB-C to USB-A adapter
- Get Started Guide

Common Uses

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

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

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**

- Charging Cable: CX4319-3452
- Charging Dock: CX4437-3626
- Charging Dock w/ Mount: CX4484-3684

- Holster: CX4483-3683

