

1D BARCODES, 2D BARCODES

XtremeScan 941

Rugged Performance 1D/2D Bluetooth LE Barcode Scanners for iPhone 17e (also compatible with iPhone 16e)

All-in-One-Hand usage | **Mid-Range Scanning**
Rugged IP67 Rated

Built for tough industrial environments, the XtremeScan 941 equips the Apple® iPhone® 17e with rugged protection and reliable short-range barcode scanning performance. This iOS-powered solution enhances mobile productivity by combining durable device housing with fast, accurate 1D/2D data capture in a compact and easy-to-handle form factor.



This product uses a Bluetooth LE (Low Energy) connection method that is different from our Bluetooth Classic data 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.

The XtremeScan 941 combines a military-grade iPhone case with a high-performance short-range barcode scanner to create a compact and durable industrial tool. Designed for fast-paced environments such as warehousing, manufacturing, and field service, the 941 helps mobile workers capture barcodes quickly and consistently during daily operations.

With a dependable scan range of up to 20 inches, the 941 is ideal for close to mid-range tasks including inventory labeling, order picking, package verification, and asset tracking. Its omnidirectional scanning capabilities support quick reads from any angle, and the built-in precision aimer assists with confident targeting in various lighting conditions.

The IP67-sealed XtremeScan housing protects the iPhone from dust, water, and drops, making it ready for the rigors of industrial use. The iPhone remains secure and protected throughout the workday, and users can still access the phone's native camera without removing it from the case. Bluetooth® Low Energy (LE) connectivity maintains a reliable connection while reducing power consumption, and the high-capacity battery supports full-shift operation without interruptions.

Available Configurations

- **XtremeScan XS941 (Standard Handheld):**

Rugged handheld scanner with an integrated military-grade iPhone® case. Ideal for users who need a fully protected, all-in-one device that's compact, lightweight, and easy to maneuver.

- **XtremeScan Grip XG941 (with Pistol Grip Handle):**

Same as the standard model, but includes an ergonomic pistol grip handle for enhanced comfort and control during scan-intensive tasks or long shifts. The handle supports one-handed, point-and-shoot scanning without sacrificing mobility.

Optional Upgrade:

All configurations are available with a **factory-new, pre-installed 256GB iPhone® 17e**. This upgrade delivers a fully assembled industrial data capture solution, enabling faster deployment and minimizing setup complexity in the field.

Available in the following bundles

- **XTREMESCAN-941 + [Charging Dock w/ Vehicle Mount](#)** – Dock your reader into your vehicle with a pre-attached RAM® 1" Diamond Ball Mount. Compatible with thousands of RAM arms and bases.
- **XTREMESCAN-941 + [Charging Dock](#)** – For secure storage and convenient device charging between uses.
- **XTREMESCAN-941 + [Holster](#)** – Easily connects to a belt or mounts to equipment for quick and easy access.

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.
- **Rugged Design:** Built to withstand drops and harsh environments, with an IP67 sealed housing for protection from dust, water exposure, and water immersion.
- **Scanning Range:** Scans barcodes ranging in size from 5 mil to 15 mil, at distances from 0.6 inches up to 20 inches.
- **Precision Aimer:** High-visibility aimer ensures fast, accurate barcode targeting across various distances.
- **One-Handed Solution:** Easily combine the mobile device and data reader for a one-handed scanning solution.
- **Bluetooth LE Support:** Enables dependable, low-power wireless connectivity for extended battery life and fast pairing through Bluetooth Low Energy.
- **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.
- **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.
- **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.

Packaging

Data Reader with Charging Cable

- Data Reader
- [USB-C to USB-C charging cable](#)
- Insert

Data Reader with Charging Dock

- Data Reader
- Charging Dock
- [USB-C to USB-C charging cable](#)
- Insert

Data Reader with Charging Dock and Mount

- Data Reader
- Charging Dock
- Mount
- [USB-C to USB-C charging cable](#)
- Insert

Data Reader with Holster

- Data Reader
- [USB-C to USB-C charging cable](#)
- Holster
- Insert

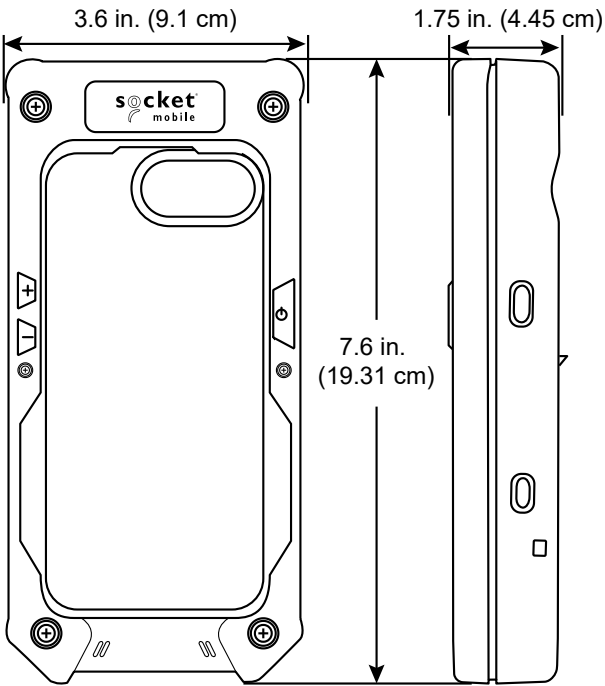
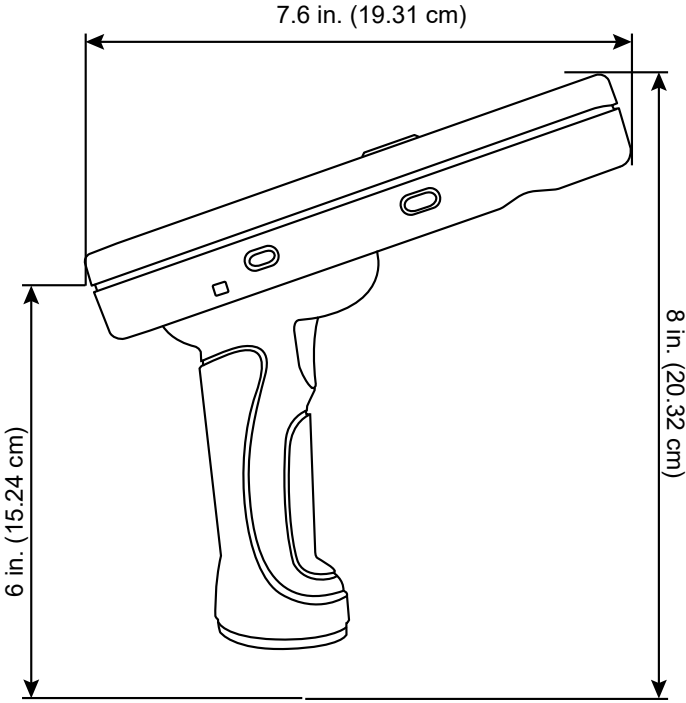
Common Uses

- Warehouse Management
- Baggage Handling
- Logistics Management
- Oil & Gas
- Manufacturing
- Construction
- Inspections & Audits

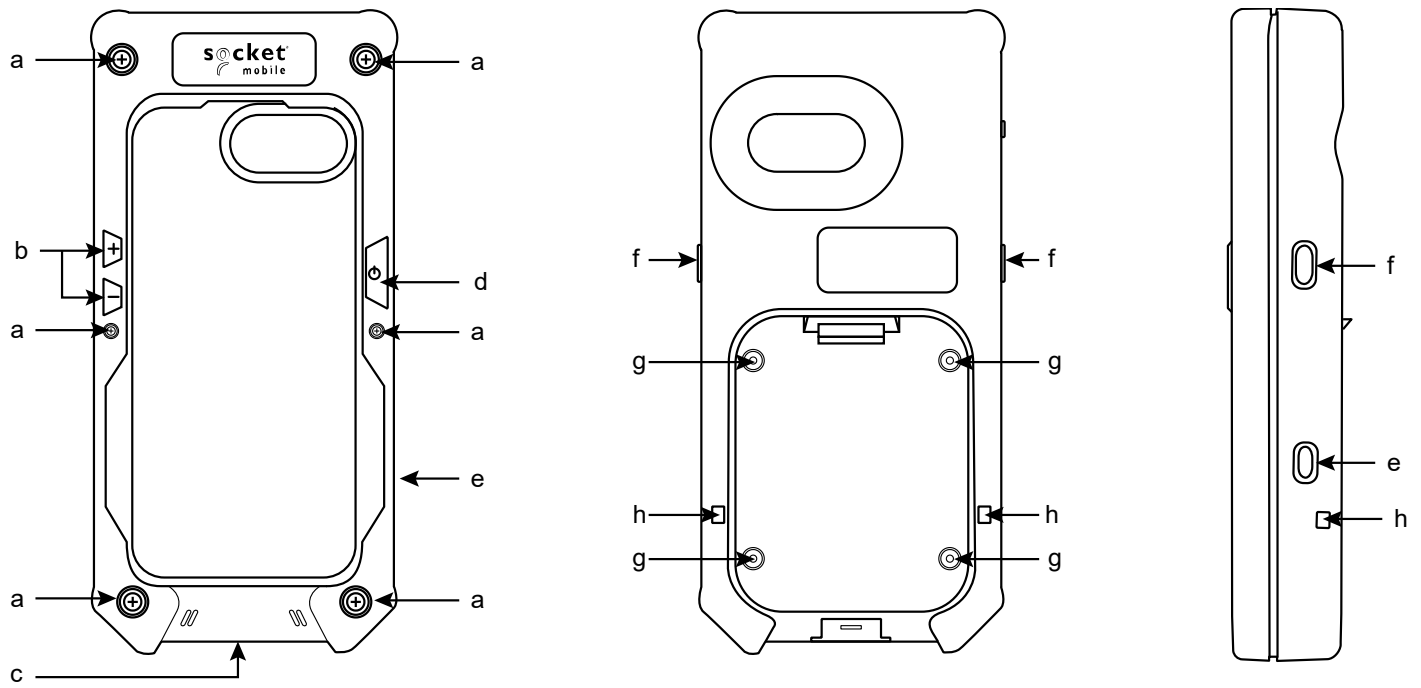
User Environments

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)
Tumble Specification	2,500 cycles at 3.3 ft. (1 m) to a metal plate, IEC6008-2-31, IEC60068-2-32 3.

Dimensions



External Control



a. Screw placement

b. Volume buttons

c. Charging dock port

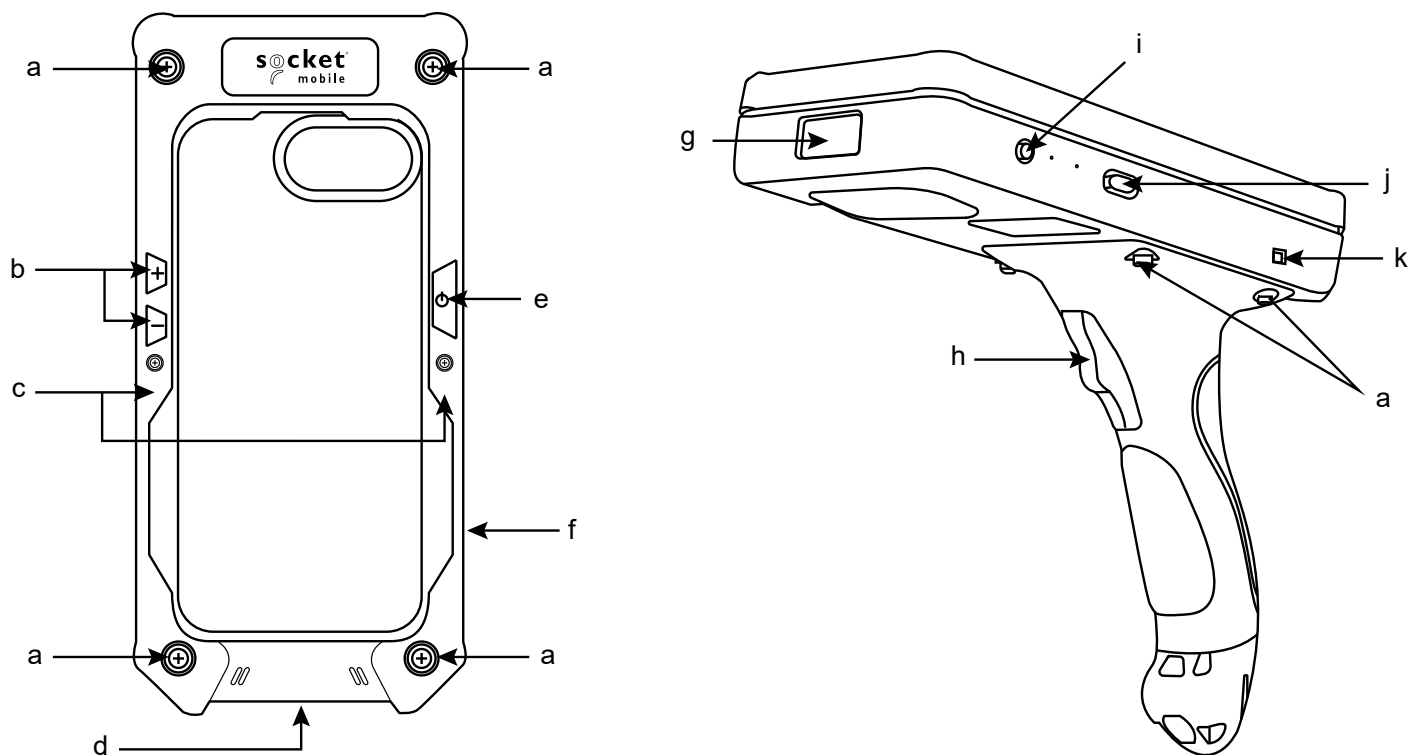
d. iPhone power button

e. USB-C charging port

f. Scan button

g. Screw placement

h. Wrist eyelet



- | | |
|-------------------------|-------------------------|
| a. Screw placement | g. Scan window |
| b. iPhone volume button | h. Scan button |
| c. Scan LED | i. Scanner power button |
| d. Charging Dock port | j. Scan button |
| e. Power button | k. Wrist eyelet |
| f. USB-C charging port | l. Screw placement |

Operating Systems



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
- **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.

Supported Barcode Symbologies

- **1D Symbologies:** Chinese 2 5, Code 11, Matrix 2 5, Msi
- **Postal Codes:** Australia Post, Japan Postal, Mailmark, Netherlands Kix, Uk Postal, Us Planet, Us Postnet, Usps 4Cb One Intelligent Mail
- **OCR Typeface:** Micr E13b, Ocr A

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

0.6 in. to 20 in. (1.5 to 50.8 cm) Depends on barcode size, symbology, label media

		Near	Far
Reading Distance	5 mil Code 39	1.10 in / 2.8 cm	6.54 in / 16.6 cm
	6.67 mil PDF417	0.91 in / 2.3 cm	7.05 in / 17.9 cm
	10 mil DataMatrix	1.22 in / 3.1 cm	7.48 in / 19.0 cm
	13 mil UPC-A	1.50 in / 3.8 cm	20.04 in / 50.9 cm
	15 mil QR	0.59 in / 1.5 cm	11.06 in / 28.1 cm

Battery Information

Battery Type 1 rechargeable Lithium Ion Polymer

Life per full charge Charge Time : Approx 7.0h

Battery weight 22 g

Percentage lithium 2.64%

mAh 1200

Cells per battery 1

Watts per battery 4.44

Cell type Battery Pack

Chemical composition Lithium - polymer

Lithium content .58 g

Voltage 3.7v

Hazmat UN Number UN3481, P.I. 967

ROHS Compliance Yes, on the battery & scanner

Country of origin China

Commodity code 8507.60.0000

Bluetooth Information

Bluetooth Profiles

- **Application Mode** - requires a compatible app with Socket Mobile CaptureSDK

Bluetooth Radio

Bluetooth LE

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).

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

- **HC2129-3896** - XG, Cable Only, iPhone 17e included

- **CX4621-3892** - XG, Cable Only, Not included (data reader only)
- **HC2125-3888** - XS, Cable Only, iPhone 17e included
- **CX4617-3884** - XS, Cable Only, Not included (data reader only)

- **HC2130-3897** - XG, Charging Dock, iPhone 17e included
- **CX4622-3893** - XG, Charging Dock, Not included (data reader only)
- **HC2126-3889** - XS, Charging Dock, iPhone 17e included
- **CX4618-3885** - XS, Charging Dock, Not included (data reader only)

- **HC2131-3898** - XG, Charging Dock w/ Mount, iPhone 17e included
- **CX4623-3894** - XG, Charging Dock w/ Mount, Not included (data reader only)
- **HC2127-3890** - XS, Charging Dock w/ Mount, iPhone 17e included
- **CX4619-3886** - XS, Charging Dock w/ Mount, Not included (data reader only)

- **HC2132-3899** - XG, Holster, iPhone 17e included
- **CX4624-3895** - XG, Holster, Not included (data reader only)
- **HC2128-3891** - XS, Holster, iPhone 17e included
- **CX4620-3887** - XS, Holster, Not included (data reader only)

