Compatible with: Made for iPhone | iPad | iPod

Reads:

1D BARCODES, 2D BARCODES

XtremeScan XS963

Rugged Professional Long-Range 1D/2D Barcode Scanner



Drop Protection | **High-Performance Scanning** | **Long-Distance Scanning**

Built for extreme industrial environments, the XS963 equips your Apple® iPhone® with powerful long-range scanning capabilities. This handheld solution enables workers to scan 1D/2D barcodes at impressive distances (up to 46 feet) with speed and accuracy while offering Socket Mobile's highest level of industrial-grade durability.

Compatible with iPhone 16e, 16, and 15.

The XtremeScan XS963 combines a military-grade iPhone case and a high-performance, long-range barcode scanner into a compact, rugged scanning solution. Designed for warehousing, logistics, manufacturing, and field operations, the XS963 empowers mobile workers to

capture barcodes from remarkable distances—minimizing repositioning, climbing, or interruption during scanning tasks.

Equipped with a long-range 1D/2D scan engine, the XS963 reads barcodes from as close as 2.2 inches to as far as 46 feet, depending on barcode type and size. Whether scanning shelf tags, pallet labels, or individual asset barcodes at a distance, the XS963 delivers fast, omnidirectional scanning with a safe, visible LED aimer for easy targeting.

Built for durability, the IP67-sealed XtremeScan housing protects the iPhone from dust, water, and drops, making it ready for the rigors of industrial use. With integrated wireless charging, the iPhone stays powered throughout the workday without needing to remove it from the case. The XS963 offers a sleek, compact alternative to pistol grip designs, giving professionals the flexibility of a rugged, handheld scanning device in a streamlined form factor.

Available in the following bundles:

- **Scanner + Charging Dock –** the XtremeScan Scanner and compatible Charging Dock for secure storage and convenient device charging between uses.
- **Scanner + Charging Dock w/ Vehicle Mount –** Includes the XtremeScan Scanner, Charging Dock, and a pre-attached RAM® 1" Diamond Ball Mount, compatible with thousands of RAM arms and bases.
- **Scanner + Holster –** Includes the XtremeScan Scanner and a durable holster for belt carry or mounting to equipment.

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.
- **Extended Range —** Scans barcodes ranging in size from 5 mil to 160 mil, at distances from 2.1 inches to 14 feet.
- **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.
- **Bluetooth LE Support —** Enables dependable, low-power wireless connectivity for extended battery life and fast pairing through Bluetooth Low Energy.
- **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.
- **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 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, 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.

Reading Performance

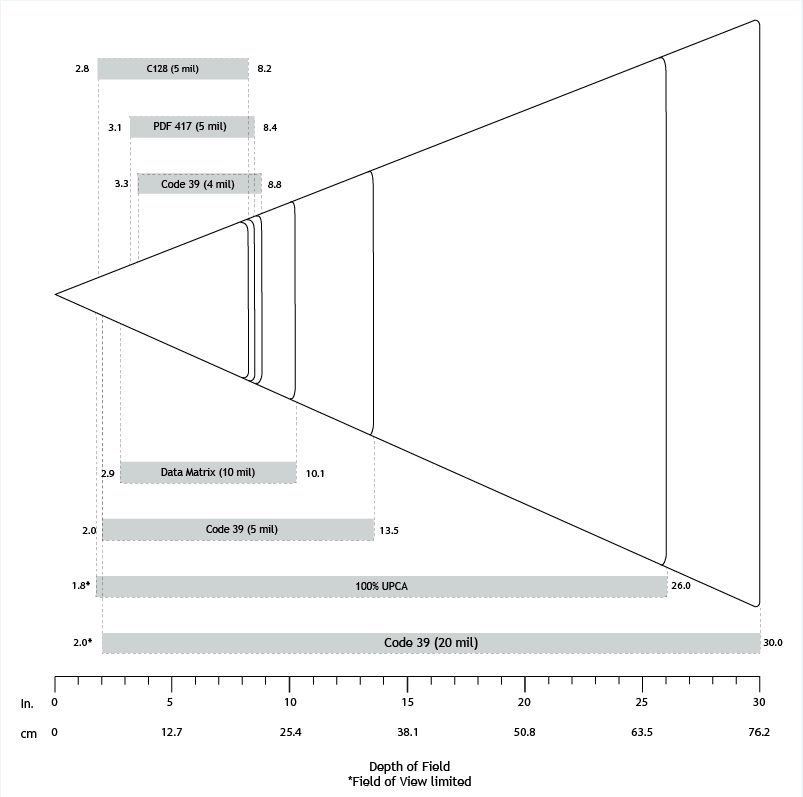
Default Barcode Symbologies	• **1D Symbologies:** Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Gs1 128, Gs1 Databar Expanded, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Interleaved 2 5, Isbt 128 Udi, Trioptic, Upc A, Upc E • **2D Symbologies:** Aztec, Composite, Data Matrix, Dotcode, Gs1 Data Matrix, Gs1 Qr, Han Xin, Maxicode, Micropdf417, Micro Qr, Pdf417, Qr • **OCR Typeface:** Ocr A, Ocr B Learn how to enable and disable data types.

Supported Barcode Symbologies	• **1D Symbologies:** 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 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%

Decode Ranges

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

	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) *Note: Battery life varies depending on ambient temperature, ambient light, and the age of the battery.*
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

Product SKUs

- CX4362-3495 - Scanner
- CX4478-3672 - Scanner with Charging Dock
- CX4482-3680 - Scanner with Charging Dock and Vehicle Mount
- CX4481-3679 - Scanner with Holster

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