XtremeScan® Mag XG640

BYOD 1D/2D Barcode Scanner w/ Pistol Grip



The XtremeScan Mag XG640 delivers exceptional scanning performance. It is designed for BYOD (Bring Your Own Device) operations and easily integrates with any mobile device, providing the optimal solution to enhance efficiency and convenience in mobile workforces. Featuring a secure magnetic attachment system, workers can easily attach and detach their personal mobile devices to the scanner throughout the workday. This versatility empowers users to utilize their smartphones for tasks such as navigation, photos, and communication while adding high-performance barcode scanning when needed. The XG640's innovative BYOD design and rugged durability make it ideal for modern delivery operations, ensuring that tasks are handled efficiently without the need for multiple devices.

Featuring a comfortable pistol grip handle and fast, omnidirectional 1D/2D barcode scanning, the XG640 provides a convenient "point and shoot" approach for effortless data capture during work shifts. It boasts extended battery life for continuous operation, military-grade durability to withstand drops and harsh conditions, and a user-friendly interface with intuitive LED indicators and a multi-function trigger button to simplify scanning tasks.

With Bluetooth connectivity and a strong metal plate attachment system, the XG640 ensures optimal compatibility with any chosen mobile device and ensures reliable integration with iOS and Android business applications.

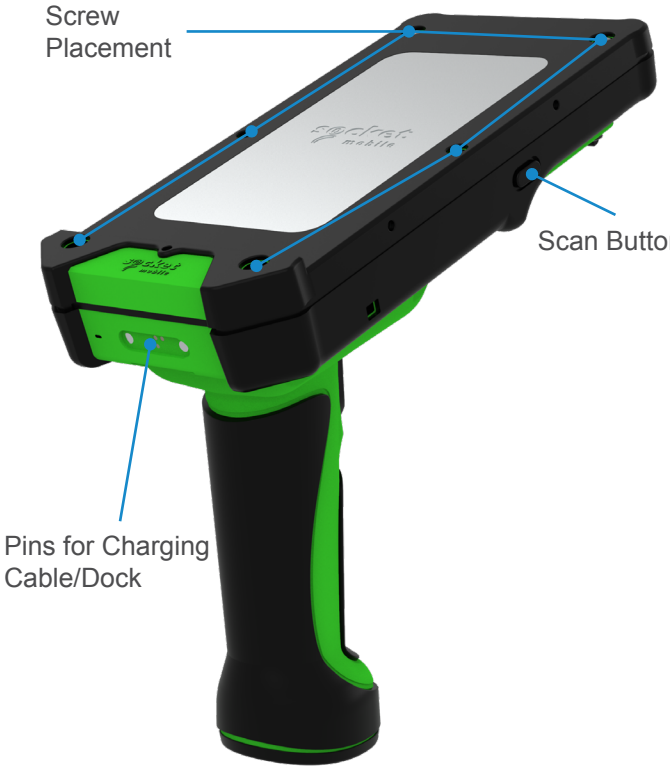
Features

- **Multi-Device Compatibility –** Apple® Certified for iOS devices (iPhone®, iPad®) and compatible with Android, and Windows®.
- **Magnetic Attachment –** Securely holds any device in place using a compatible case or the included universal adapter, ensuring convenience and ease of use in various work environments.
- **Robust Scanning –** Fast 1D/2D, omnidirectional scanning for printed or on-screen barcodes with a highly visible and safe LED aimer.
- **Rugged Design –** Built to withstand drops and harsh environments, with an IP67 sealed housing for protection from dust, water exposure, and water immersion.
- **Long-Lasting Battery –** Barcode scanner features a rechargeable, field-replaceable battery that lasts a full shift.
- **Bluetooth Wireless Integration –** Dependable Bluetooth connection to host devices.
- **Intuitive User Indicators –** LED lights to indicate successful scan and battery charging status.
- **Audible Scanner Feedback –** Scan tones indicate successful scans.
- **Pistol Grip Handle –** Comfortable point-and-shoot barcode reading.
- **Accessories –** Charging Cable (included), Hand strap (sold separately) and charging dock coming soon.
- **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. XG640 works out of the box for apps that have already integrated with CaptureSDK.
- **Designed and Assembled in the USA –** All socket mobile data readers are built at our Fremont, CA headquarters.
- **1-Year Warranty –** Extended warranty options are available.

Physical Characteristics









Single Package Includes

(1) XG640 1D/2D Universal barcode scanner and Rechargeable Battery (pre-installed)
(1) Magnetic Universal Adapter
(1) Charging Cable
(1) Get Started insert

Download on the App Store
GET IT ON Google Play
Available for Microsoft

Socket Mobile Companion App Download for Free!

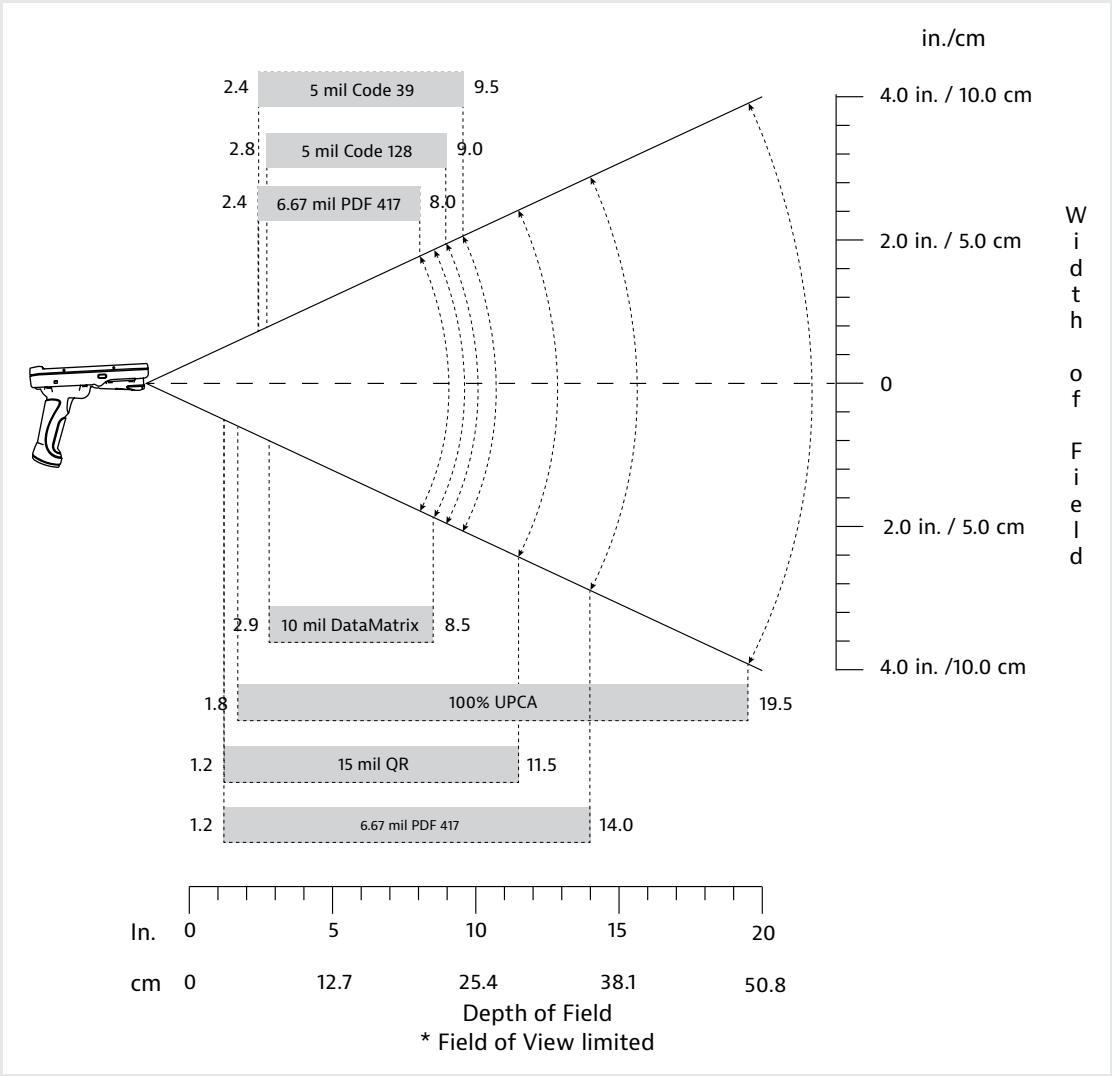
Scanner Type

Technology:	1D/2D Barcode Imager
Aimer:	Green LED

Battery

Type of Battery:	Replaceable Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life	500 charge-discharge cycles
Battery Life - Per Full Charge:	Standby time: 25 hours Active Scan Time - 10,000 scans within 11 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light and age of battery. *For more battery information.*
Number of Batteries Used:	1
Weight of battery:	12.5g
Percentage Lithium:	36%
Battery mAh:	700 mAh
Number of cells per battery:	1
Watt Hours per battery:	2.59
Type of Cell (ex. AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium - polymer
Lithium Content:	14g
Battery Voltage:	3.7v
Hazmat UN Number:	UN3481, P.I. 967
ROHS Compliance Indicator:	Yes, Included with Reader
Battery only - Country of Origin:	China
Commodity Code:	8507.60.0000

Scanning Performance

Default Barcode Symbologies:	**1D Symbologies:** Bookland EAN, Codabar, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/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, EAN-8/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, GS1 QR Code, 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:** OCR-A, OCR-B, MICR (E13B), US currency serial number
Scan Angle:	44.5° (Horizontal) 33.5° (Vertical)
Sensor Resolution:	1280 x 960 pixels, rolling shutter
Print Contrast:	Down to 25%-20%
Reading Distance:	

Decode Ranges:	3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media

	Near	Far
5 mil Code 39	2.4 in/6.1 cm	9.5 in/24.1 cm
5 mil Code 128	2.8 in/7.1 cm	9.0 in/22.9 cm
6.67 mil PDF417	2.4 in/6.1 cm	8.0 in/20.3 cm
10 mil DataMatrix	2.9 in/7.4 cm*	8.5 in/21.6 cm
100% UPCA	1.8 in/4.6 cm*	19.5 in/49.5 cm
15 mil QR	1.2 in/3.0 cm*	11.5 in/29.2 cm
20 mil QR	1.2 in/3.0 cm	14.0 in/35.6 cm

Bluetooth (wireless connection)

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 environment, range limit is usually due to the Host Device (phone, tablet or notebook)
Bluetooth Profiles:	Basic Mode - Human Interface Device (HID) and App Mode - MFi-SPP*. Some Operating Systems or smartphone/tablet models may support only one profile. **By default, the scanner is set to App Mode - MFi-SPP.*

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.
*Chromebook and Linux support HID mode only.

User Environment

Ambient Light:	From 4,800 to 86,000 lux From artificial indoor (fluorecent and incandescent) to natural outdoor lighting (direct sunlight)
Operating Temperature:	0° to 45° C (32° to 113° F)
Storage Temperature:	-5° to 70° C (-22° 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 specification
Drop Specification:	Standard: 10 ft. (3.1m) drop at room temperature per MIL-STD-810G, 8 ft. (2.4m) drop to concrete across temperature per MIL-STD-810G Freezer: 7 ft. (2.1m) drop to concrete across temperature per MIL-STD-810G.

Warranty

Scanner:	Standard one year limited warranty for barcode scanners
Accessories:	90 days for batteries, charging cable
Extended Warranty: (sold separately)	https://sckt.tech/socketcare

SocketCare

Operating System Compatibility

Android OS - Basic Mode (HID) & App Mode (SPP)	Mac OS - Basic Mode (HID) and Linux
Apple iOS - Basic Mode (HID) and App Mode (MFi-SPP)*	Windows OS 10/11 - Basic Mode (HID) and App Mode (SPP)

Compatible with devices supporting Basic Mode (HID) protocol. Supported keyboard languages - ANSI, English UK, English, French, German, Italian, Japanese, Polish, Spanish and Swedish

**By default, the factory settings of the Socket Mobile Scanners are set to App Mode. In order to use the scanner with an application using Capture SDK, the scanner must be configured in Application Mode (Bluetooth Serial Port Profile: SPP)*

Made for iPhone | iPad

Mac

Works with Android

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:	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
ISO 9001 Accreditation	ANAB ACCREDITED ISO/IEC 17021 MANAGEMENT SYSTEMS CERTIFICATION BODY ISO 9001 IAPMO R&T

Industry Canada

WEEE

RoHS

Common Uses

Warehouse Inventory management
Supply Chain
Asset Tracking Shipping and Receiving
Commercial Services Mobile Tracking
Manufacturing
Construction
Automotive
Oil and gas
Aerospace
Transportation & Logistics

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