XtremeScan® Mag XG630

Rugged BYOD 1D Laser Barcode Scanner w/ Pistol Grip



The XtremeScan Mag XG630 stands out with its specialized 1D laser scanning engine, delivering superior performance in environments where 1D barcodes are often damaged, worn, or difficult to read. Based on Socket Mobile XtremeScan Mag platform, the XG630 is designed for BYOD (Bring Your Own Device) operations and seamless integration with any mobile device. It offers an 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 throughout the day. This flexibility empowers users to switch between tasks such as navigation, photos, and communication, while adding high-performance 1D barcode scanning when needed.

With its innovative BYOD design and rugged durability, the XG630 is ideal for modern delivery and inventory operations, ensuring tasks are completed efficiently without requiring multiple devices.

The XG630 features a comfortable pistol grip handle and fast, precise 1D laser scanning, offering a straightforward “point and shoot” approach for effortless data capture during work shifts. It also includes extended battery life for continuous operation, military-grade durability to withstand drops and harsh environments, and a user-friendly interface with intuitive LED indicators and a multi-function trigger button to simplify scanning tasks.

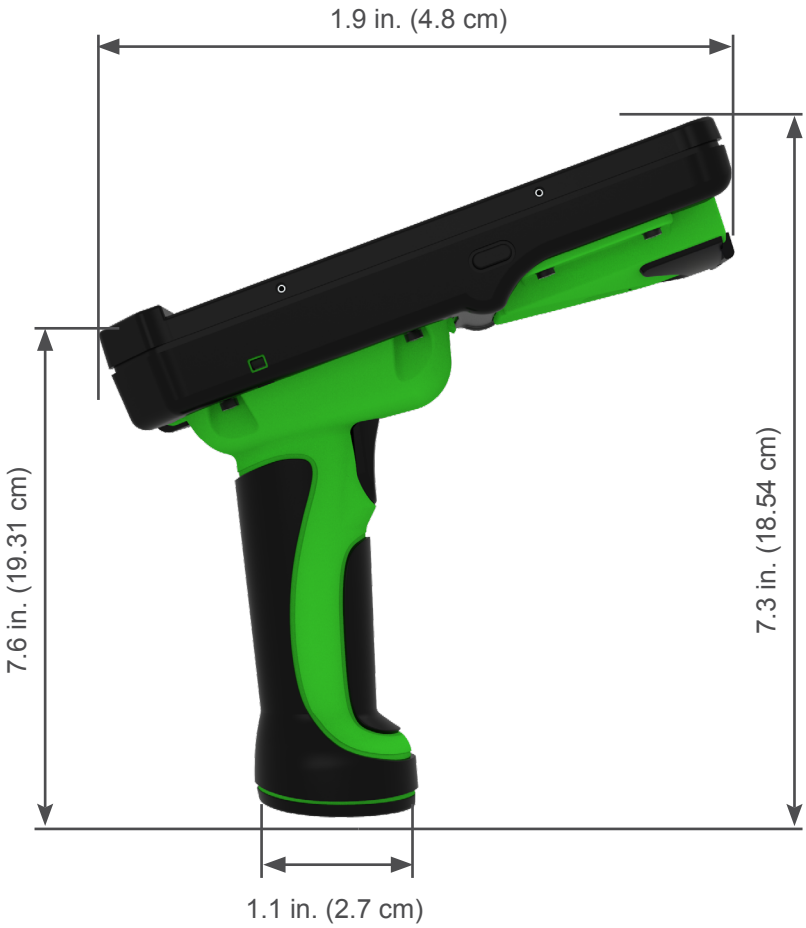
Equipped with Bluetooth connectivity and a strong metal plate attachment system, the XG630 ensures optimal compatibility with any mobile device and reliable integration with iOS and Android business applications.

Features

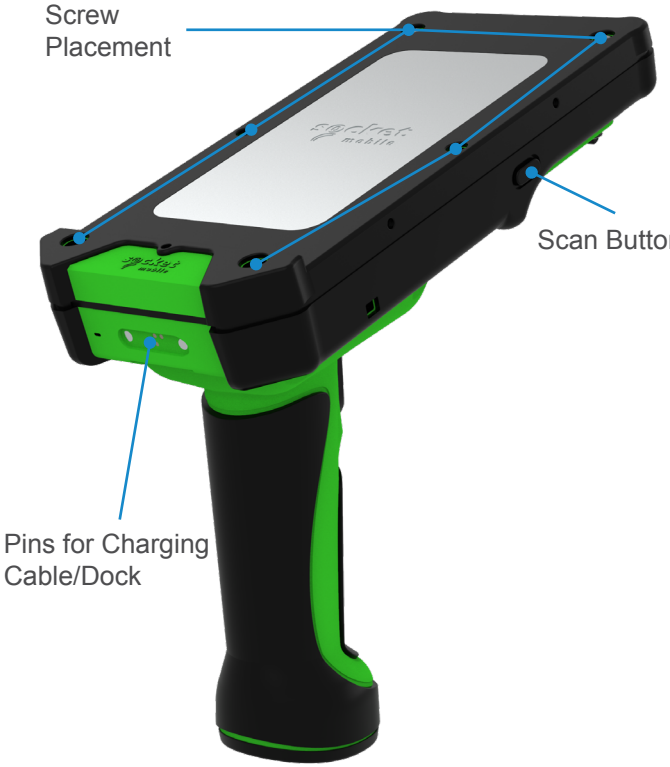
- **Multi-Device Compatibility –** Apple® Certified for iOS devices (iPhone®, iPad®) and compatible with Android, and Windows® 10.
- **Magnetic Attachment –** Securely holds any device in place using a compatible case or the included universal adapter, ensuring convenience and ease of use in various work environments.
- **Robust Scanning –** Fast 1D laser scanning for printed barcodes featuring a high-performance Class 2 laser. Ideal for moderate to rigorous scanning applications, handles thousands of scans per day and operates at distances of up to 180” (457.2 cm), depending on barcode size and quality.
- **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- E**asily combine the mobile device and data reader for a one-handed scanning solution.
- **Long-Lasting Battery –** Features rechargeable and field-replaceable battery that lasts a full shift.
- **Bluetooth Wireless Integration –** Dependable Bluetooth connection to host devices.
- **Intuitive User Indicators –** LED lights that indicate successful scanning and battery charging status.
- **Audible Scanner Feedback –** Scan tones indicate successful scans.
- **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. Data reader works out of the box for apps that have already integrated CaptureSDK.
- **Designed and Assembled in the USA –** All socket mobile data readers are built at our headquarters in Fremont, CA.
- **1-Year Warranty Included –** Extended warranty options also available.

Physical Characteristics

Weight:	TBD









Single Package Includes

(1) XG630 Laser Barcode Scanner and Rechargeable Battery (pre-installed)
(1) Charging Cable
(1) Get Started insert

Socket Mobile Companion App Gratis-Download!

Download on the App Store

Scanner Type

Technology:	1D Class 2 Laser Barcode Scanner
Laser Power at 650 nm :	Scanning Mode: 1.7 mW (nominal peak power) Aiming Mode: 0.67 mW

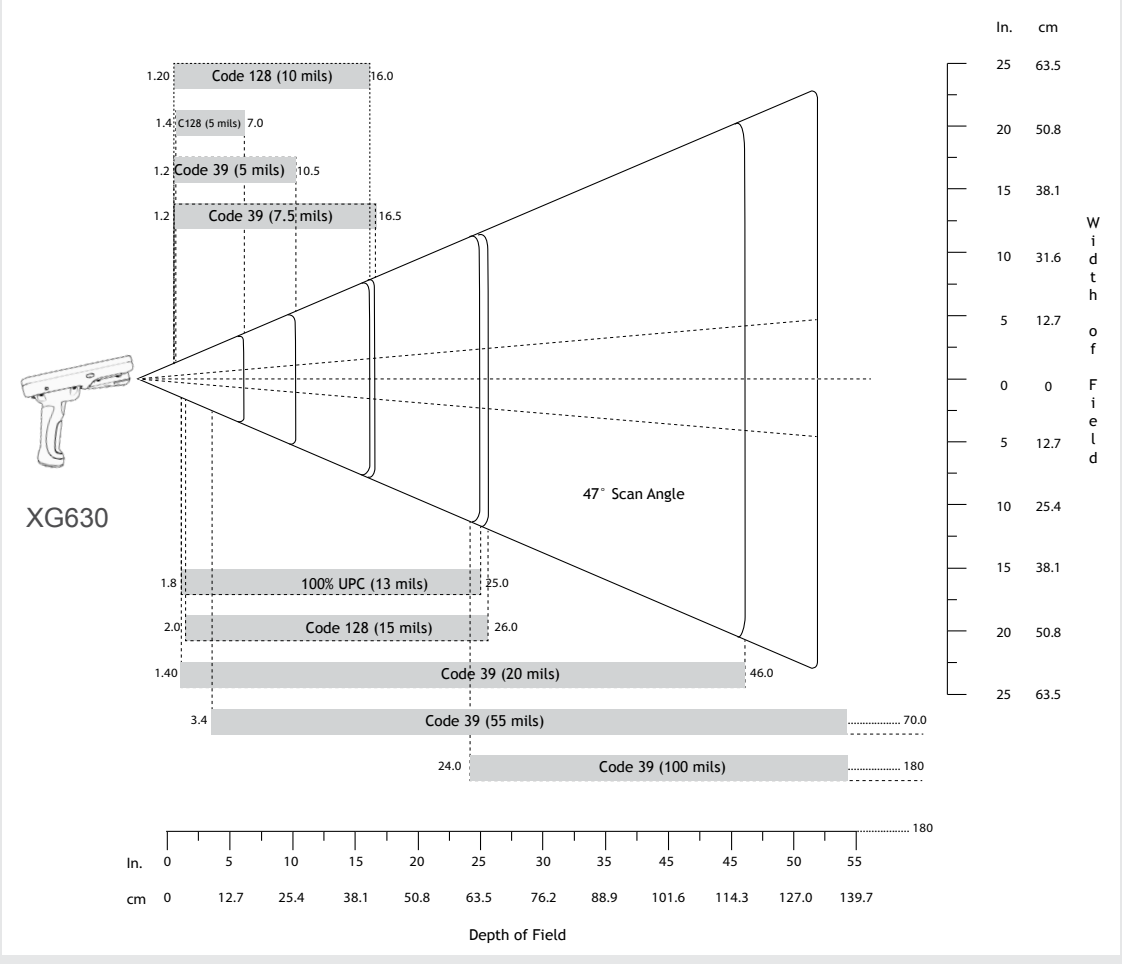
Battery

Type of Battery:	Replaceable Lithium Ion Polymer- rechargeable battery	
Charge Time:	8 Hours	
Battery Life - Per Full Charge:	Standby time: Active Scan Time -	25 hours 45,000 scans within 4.5 hours (based on 2 scans every 1 second) 9,000 scans within 10 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 click here.*	
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:	Bookland EAN, Code 39, Code 39 Full ASCII, Code 93, Code 128, EAN-8/JAN, Ean-13/JAN, GS1 DataBar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC A, UPC E
Supported Barcode Symbologies:	Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 of 5, EAN-8, EAN 13, GS1-128, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, Interleaved 2 of 5, Inverse 1D, ISBT 128, Korean 3 of 5, Matrix 2 Of 5, MSI, UPC-A, UPC-E/ E1
Scan Angle:	Wide: 47° (Default) Medium: 35°Narrow: 10°
Optical Resolution:	0.005 in. Minimum element width
Print Contrast:	Minimum 25% absolute dark/light Reflectance measured at 650 nm

Reading Distance:



1D codes 3.05 to 457.2 cm (1.2 in to 180 in)
Depends on width and barcode size, symbology, label media

Decode Ranges:

	Near	Far
5 mils Code 39	1.2 in/3.0 cm	10.5 in/21.0 cm
5 mils Code 128	1.4 in/3.6 cm	7.0 in/26.7 cm
7.5 mils Code 39	1.2 in/3.0 cm	16.5 in/41.9 cm
10 mils Code 128	1.2 in/3.0 cm	16.0 in/40.6 cm
13 mils 100% UPC	1.8 in/4.6 cm	25.0 in/63.5 cm
15 mils Code 128	2.0 in/5.1 cm	26.0 in/66.0 cm
20 mils Code 39	1.4 in/3.6 cm	46.0 in/116.8 cm
55 mils Code 39	3.4 in/8.6 cm	70.0 in/177.8 cm
100 mils Code 39	24 in/61 cm	180.0 in/457.2 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:	IP65 (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.

Operating System Compatibility

Apple iOS - Basic Mode (HID) and App Mode (MFi-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)*

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



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

Common Uses

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

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