

MX-1502 VISION-ENABLED MOBILE TERMINAL

The MX-1502 vision-enabled mobile terminal leverages the latest mobile devices for your industrial barcode reading applications. It reads codes from as near as 15–30 cm to as far as 10 meters away, making it ideal for manufacturing and logistics applications such as scanning barcodes on pallets on high shelves or on slips hanging from the warehouse ceiling.

The MX-1502 is equipped with modular optics and lighting (cross polarized and co-linear polarized LEDs and a high-powered lens with liquid lens technology) which provide optimal image formation of any code. Sophisticated barcode reading algorithms quickly acquire and decode a wide range of 1-D, 2-D and challenging DPM codes on round, reflective or specular surfaces.



> RUGGED

The design of the MX-1502 makes any supported mobile device ready to meet the challenges of the most demanding environments. The IP65 sealed housing withstands the harshest environments and the inductive wireless charging eliminates exposed electrical contacts that can wear out or fail.

> MODULAR

The MX platform is also future-proof and accepts a variety of Android® and iOS® smartphones. If your device needs to be repaired or upgraded, simply exchange the top cover kit to adapt the MX-1502 to any supported mobile device. The modular design means your investment is protected and you are always ready for the latest technology.

> SMART

MX-1502 mobile terminals are equipped with barcode reading algorithms that read 1-D and 2-D label-based codes and challenging 2-D DPM codes at standard, far and extended ranges. It leverages the latest communication technologies supported by your mobile device including 3G, 4G, 4G LTE Wi-Fi, Bluetooth and more.

Proven performance

The MX-1502 is ideal for industrial manufacturing or distribution center applications that require robust near/far scanning of in 1-D and 2-D barcodes.

- Logistics
- Automotive
- Manufacturing
- Pharmaceutical
- Aerospace
- Medical Device



Accessories

The MX-1502 has a selection of available accessories for charging and handling.



Belt Holster

Attach comfortably and easily to any size belt and are made of industrial-grade materials to withstand heavy daily use.

Pistol Grip Handle

Offers an alternative configuration for comfortable “point & shoot” barcode reading. The handle contains a secondary battery that doubles the MX-1502 power capacity.



USB Type C Battery Cover

Allows you to charge your MX-1502 with a USB Type C cable when you are away from the wireless charging station or in your vehicle.

Hand Strap

Snaps onto the back panel providing comfortable and secure access while keeping hands free. Can be configured for right- or left-handed operation.



Wireless Charging Station

Eliminates charge failures from poor connections ensuring a full charge in less than 6 hours. The spare battery can be fully charged in less than 4 hours.



SPECIFICATIONS

Dimensions	208.6 mm x 88.9 mm x 42.1 mm
Weight	510 g (675 g with pistol grip)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Maximum Humidity	95% (non-condensing)
Material	Polycarbonate housing with overmold
Imager	1.2 MP global shutter sensor
Aiming	Green LED
Status Outputs	LED, beeper and vibration
Communications	Scan engine communicates to mobile device through USB port Mobile device communicates via Wi-Fi, Bluetooth, Cellular and others based on model
Supported Devices	Samsung® Galaxy® S4, S5, S6 and S7, Apple® iPhone® SE, 5/5S, 6/6S, 7 and iPod® 5th + 6th Generation
Symbologies	1-D: UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39, Code 128, Code 93, Pharmacode, GS1 DataBar, PDF417, Micro PDF417 2-D: DataMatrix, QR Code, MicroQR Code, DotCode, and postal code
Lighting	Integrated LED illumination
Base Station Power Supply Requirements	24 V, 13 W maximum LPS or NEC Class 2 power supply
Battery (brick style)	3.7 V, 3070 mAh Li-Polymer
Battery (pistol grip)	3.7 V, 3100 mAh Li-Ion
Environmental	Compliant with RoHS directive 2011/65/EU
Regulatory Electrical EMI/RFI	CB Scheme: IEC 60950-1, FCC 47 CFR Part 15 Subpart B, ICES-003, CE, KCC
Data Validation	US DoD UID Guidelines, GS-1, ISO15434 and ISO15418
Trigger	Left- and right-handed buttons, pistol grip or touch screen software

COGNEX

Companies around the world rely on Cognex vision and barcode reading solutions to optimize quality, drive down costs and control traceability.

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Lit. No. MX-1502-DS-11-2017-EN

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