

MX-1000 VISION-ENABLED MOBILE TERMINAL

The MX-1000 vision-enabled mobile terminal allows you to leverage the latest mobile devices for your industrial barcode reading applications. The MX platform is both rugged and modular. The flexible design accepts a variety of both current and future generation smartphones and augments their capability in a fully ruggedized housing, tough enough to stand up to the most challenging environments. The MX-1000 has Cognex patented class-leading 1DMax® and 2DMax® algorithms to give the fastest barcode reading performance on both 1-D, 2-D and even challenging direct part mark (DPM) codes. Put your mobile devices to work across your entire enterprise!



➤ RUGGED

The design of the MX-1000 makes any supported mobile device ready to meet the challenges of the most demanding environments. The industrial-grade, rugged housing can handle up to 50 drops from 2 meters onto concrete. It is IP-65 sealed and uses inductive wireless charging so there are no exposed electrical contacts to 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-1000 to any supported mobile device. The modular design means your investment is protected and you are always ready for the latest technology. The pistol grip accessory doubles the MX-1000 battery capacity that powers both the scan engine and the mobile device.

➤ SMART

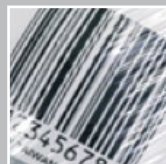
MX-1000 vision-enabled mobile terminals are equipped with world-class Cognex barcode reading algorithms. 1-D and 2-D label-based codes as well as challenging 2-D DPM codes can be read quickly and easily. The MX-1000 leverages the latest communication technologies supported by your mobile device including 3G, 4G, 4G LTE, Wi-Fi, Bluetooth and more.



Proven performance

The MX-1000 is ideal for applications in any industrial environment that requires robust 1-D and 2-D barcode reading technology.

- Couriers
- Field service
- Parcel delivery
- Transportation
- Logistics
- Utilities
- Telecommunications
- Cable companies
- Pharmaceutical
- Tobacco
- Automotive
- Manufacturing



Accessories

The MX-1000 has a selection of available accessories for charging and handling.



The sturdy belt holster attaches comfortably and easily to any size belt and is made of industrial-grade materials to withstand heavy daily use.

The pistol grip handle offers an alternative configuration for comfortable “point & shoot” barcode reading. The handle contains a secondary battery that doubles the MX-1000 power capacity.



The 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.

MX-1000 SERIES 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	752 x 480 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, S7, and J3 (J320), Apple® iPhone® 5/5S, SE, 6/6S, 7 and iPod® 5th and 6th Generations
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 2002/98/EEC
Regulatory Electrical EMI/RFI	CB Scheme: IEC 60950-1, UL 60950-1, CSA C2.2 No. 60950-1-07 FCC 47 CFR Part 15 Subpart B, CE, ICES-003, KCC
Data Validation	US DoD UID Guidelines, GS-1, ISO15434 and ISO15418
Trigger	Left- and right-handed buttons, pistol grip or touch screen software

* MX-1000X only.

** Value for MX-1000. Max temperature varies by mobile device.

MX-1000 SERIES SCAN CHART

7 mil 2-D Code	Up to 85 mm
10 mil 2-D Code	Up to 100 mm
6 mil 1-D Code	Up to 110 mm

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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