

MX1-IS



Available with multiple integrated scanner options including short, long, or advanced long range capabilities.

Full eight-hour shift battery for improved productivity. Batteries can be completely charged in three hours.

Pistol grip handle, shoulder straps and cases allow for comfortable carrying and use.

HANDHELD COMPUTERS

Large LCD display maximizes visibility and ease-of-use.

Epoxy coated keys resist damage from water and chemicals.

Poly carbonate/ABS alloy plastics - absorb impact versus shattering on impact.

LXE is RUGGED RELIABLE MOBILE COMPUTERS.

Engineered for hazardous environments

Designed for use in the most extreme intrinsically safe environments, the MX1-IS is the most rugged intrinsically safe (IS) mobile handheld in its class. The MX1-IS is even safe for environments where explosive materials are always present. With its broad approval rating, the MX1-IS can operate in almost any IS environment, greatly simplifying the product selection process..

Highly reliable, industry-standard platform

Featuring a 486 industry standard processor and a ROM-DOS™ operating system, the MX1-IS accommodates standard DOS applications.

The MX1-IS supports a wide variety of radios for high-speed wireless communications, and numerous terminal emulation standards for easy integration with most WMS applications.

And the MX1-IS is supported by LXE's award winning support team, winners of the Mobile Star Award™ for best customer service four years in a row.



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MX1-IS

Technical Specifications



Processing & Memory

- Intel® 486 SX ULP
- 4MB Dynamic RAM
- 8MB Flash
- IBM PC-AT & DOS compatible

Operating Systems & Emulations

- ROM-DOS™ 6.22
- Phoenix PicoBIOS®
- Emulations
VT220, LDS, 3270, 5250, TN3270, TN5250
- Multi-Host dual TE's supported

Keyboard

- Phosphorescent "glowing" keys coated for resistance to abrasion and chemicals
- 101 key support (IBM compatible)
Options:
41 Key Numeric-Alpha
60 Key Alpha-Numeric
Emulation overlay options

Display

- 160 x 160 VGA LCD
- 16 gray scales
- Transflective monochrome indoor/outdoor
- Controllable EL backlight
- 3" (76mm) diagonal
- 0.33mm dot pitch

Power Supply & Management

- Li-ion battery pack
- 8 hour Li-ion battery life (with typical use)
- Low battery warning
- Fully configurable active power management

Interfaces

- RF communications
- Beeper with adjustable volume control

Expansion

- (1) PCMCIA V. 2.1 slot Type I, II, III

Radio Card Support - PCMCIA

- 2.4GHz 802.11b radios
Cisco® Aironet™
Agere® Orinoco™

- LXE 902-928MHz
- Optimized internal integrated antenna

Enclosure

- Size:
9.3 in. x 2.87 in. x 1.6 in.
(236mm x 73mm x 41mm)
- Weight:
36 oz. (1,038g) including radio, battery, and scanner
- High impact polycarbonate/ABS Plastic

Environmental

- Operating temperature range
14°F to 104°F (-10°C to 40°C)
- Storage temperature range
-22°F to 158°F (-30°C to 70°C)
- Humidity (operating)
5% to 90% RH non-condensing at 104°F (40°C)
- Drop specification
4-foot multiple drops to concrete, 6 faces
- Dust & Water protection enclosure rating
IEC 529 compliant to IP65
- Sealed against water jet streams and dust
- Shock and Vibration testing exceeds
MIL STD 810F, Figure 514.5C-3

Approvals

- I-SAFE specific approvals:
FM Certified (US)
Class I, II, III, Division 1 & 2
Groups C, D, E, F, G
T4 temperature rating
Class I, Zone) AEx ia IIB T4
- Nemko/ATEX (EU)
II 2 G D EEx ia IIB T4
Test Safe
Ex ia IIB T4
- Emissions (EMI)
FCC Part 15 Subpart B, Class A
Industry Canada ICES-003 Class A
EN 55022:1998, Class A
Immunity (EMC)
EN 55024:1998
- Safety
Laser Safety
CDRH: 21 CFR 1040.10 and 1040.11,
EN 60825-1 and IEC 825-1
- Radios separately approved to
FCC Part 15 Subpart C

Industry Canada RSS 102, RSS 139
and/or 210

R&TTE Directive: EN 300 328, EN 300
826, EN 60950

End Cap Options

- Standard Range Integrated Scanner (HP)
- Long Range Integrated Scanner (LR)
- Advanced Long Range Integrated Scanner (ALR)

Bar code Symbolologies

- 1-D: UPC/EAN, Code 128, Code 39, Code 93, I 2 of 5, Discrete 2 of 5, Codabar, MSI UCC/EAN 128, TriOptic, Code 39

Accessories

- 3 unit battery charger
- Snap-on pistol grip handle
- Leather carrying case and shoulder strap (ships with each unit)
- Passive docking cradle

