

# MX 850

## PICTURE PERFECT

VeriFone's MX 850 offers a high-speed processing engine and generous memory that power a backlit, ultra-crisp, full-color display with outstanding durability and modularity for investment protection.



### A CLEAR EDGE IN USABILITY

- Private, tactile, recessed keypad with familiar ATM-style interface reduces errors
- Scratch-resistant touch screen responds to fingertip input or stylus pen
- Bi-directional, triple-track mag-stripe card reader minimizes re-swiping
- Handles payment and value-added transactions, including loyalty, gift card and top-off applications
- 10/100BaseT Ethernet connectivity delivers content seamlessly from any network

### AN EYE ON FLEXIBILITY, DURABILITY AND SECURITY

- Includes PCI PTS 2.x and EMV Level 1 and Level 2 Type approvals as well as Interac, RoHS and WEEE certifications
- Supports end-to-end security with VeriShield Total Protect, eliminating usable cardholder data from POS applications, networks and servers
- Modular design allows retailers to configure solutions that meet current and future needs
- High reliability through chemically hardened, scratch-resistant glass touch screen and non-mechanical stylus
- Supports VeriShield Remote Key to remotely and securely manage key injection, using online and offline methods

### MX SOLUTIONS: THE TOTAL PACKAGE

- Interchangeable MX 800 Series hardware and peripherals offer a wide variety of connectivity options
- PAYware Vision, a fully integrated software suite for payment, signature capture, device management and content delivery, all from a central point of administration
- Web Development Environment (WDE) makes development of customer interfaces easy, supports JavaScript, XML (AJAX), C++, PHP and cURL
- Expertise and services from the industry leader in payments solutions help retailers build loyalty, enhance customer satisfaction and increase sales



#### Processor

32 bit ARM9 266 MHz

#### Operating system

Embedded Linux with VeriFone security enhancements

#### Applications

Form Agent, IBM EFT, NCR EFT, Web Development Environment (WDE)

#### Memory

64 MB SDRAM + 64 MB Flash

Field-upgradeable via USB Flash memory drives

#### Display

65,536 color, 1/4 VGA, backlit

#### Graphics

Built-in capability for 16-bit color video

#### Audio

Multi-tone buzzer

External speaker line-out port is factory optional

#### Keypad

Recessed for privacy

13 laser-etched tactile keys +

4 screen-addressable ATM-style keys

ADA

#### Touch Screen

Chemically hardened glass

Capacitive technology

#### Stylus Pen

Non-mechanical

Field-replaceable option

#### Signature Capture

Field-upgradeable option

#### Magnetic Card Reader

Triple-track, bi-directional

Software-controllable LED prompt

#### Smart Card Reader

Up to 3 SAMS

Software-controllable LED prompt

Factory option

#### Contactless

ISO 14443 AB certified

Optional, field-upgradeable module

#### Security / Encryption

Master Session | DUKPT | Triple DES | PCI PTS 2.x  
| EMV Level 1 and Level 2 | Interac | AES

#### Connectivity/Communications

Cable: supports VeriFone multi-port cables with cable sensing

USB: Device and Host capability

Ethernet: 10/100BaseT

Serial Interfaces: RS-232, RS-485, IBM Tailgate

Power over Ethernet option

WiFi, field-upgradeable module

#### Certifications

UL, CE, RoHS and WEEE