

## BENEFITS AT A GLANCE

- Ultra-crisp, 65,536-color display captures attention for multimedia branding and cross-promotion
- High-performance processor and built-in keypad streamline payment and value-added transactions
- Familiar, user-friendly interface simplifies use for consumers and clerks alike
- Highly durable, modular design stands up to heavy multi-lane usage and future-proofs investment



Picture Perfect

## The Clear Choice for Multi-Lane

**VeriFone knows multi-lane** retailers compete in a demanding marketplace where consumers expect prompt service. VeriFone's MX850 is designed specifically for these unforgiving multi-lane and point-of-service environments, with a powerful processing engine, an ultra-crisp color display, scratch-resistant touch screen, outstanding durability, and modularity for investment protection—making it the clear choice.

Part of the MX800 Series of consumer-facing, multimedia payment and point-of-service devices, the MX850 securely handles transactions in seconds, while also delivering a dazzling array of brand reinforcement, cross-promotional messages,

and even consumer disclosures directly to consumers. The 65,536-color display supports full-motion video and high-resolution graphic animation, in addition to helpful prompts and transaction information.

Consumers can enter their PINs or approve transactions using the convenient tactile keypad, recessed for privacy. Optional signature capture capability paired with VeriFone's VisualPayments software allows retailers to streamline transactions, minimize paper storage, and quickly retrieve electronic receipts as needed.

### Built to Last

The compact MX850 stands up to the heaviest usage. From

the touch screen with special capacitive technology that resists scratches and accepts both finger input and a reliable, non-mechanical stylus, to the unit's highly resilient, customizable trim plate and laser-etched keypad—this device is built to last for years. Field-replaceable modules, expansion slots, and a USB port further future-proof the MX850 and allow the addition of contactless payment or other capabilities as new technologies emerge. A smart card reader is factory optional.

The MX850 is global and secure. It is designed to meet PCI PED and EMV Level 1 & 2 approvals, as well as Interac certification.

# MX850

## MX850



## SPECIFICATIONS

**Processor**

32-bit 200 MHz

**Operating system**

Embedded Linux with VeriFone security enhancements; MX platform

**Applications**

Form Agent, IBM EFT, NCR EFT

**Memory**64 MB SDRAM + 64 MB Flash  
Field upgradeable via USB Flash memory drives**Display**

65,536 color, ¼ 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**Touch Screen**Chemically hardened glass  
Capacitive technology**Signature Capture**

Field upgradeable option

**Stylus Pen**Non-mechanical  
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  
Designed for EMV Level 1 & 2 approval  
Factory option**Contactless**ISO 14443 AB certified  
Optional, field upgradeable module**Connectivity / Communications**Cable: supports VeriFone multiport cables with cable sensing  
USB: Device and Host capability  
Ethernet: 10/100BaseT  
Serial Interfaces: RS-232, RS-485, IBM Tailgate**Security / Encryption**Master Session  
DUKPT  
Triple DES**Certifications**PCI PED approved (online & offline)  
Pending:  
EMV Level 1 & 2 (hardware & software)  
Interac

## Features &amp; Benefits

**A bright way to capture consumer attention**

- Backlit, ¼ VGA display supports 65,536 colors and delivers the industry's sharpest, high-resolution screen images
- High-speed processor and generous memory power full-motion videos and animated graphics
- 10/100BaseT Ethernet connectivity delivers content seamlessly from any network
- Optional line-out port supports speakers for kiosk environment

**A clear edge in usability**

- Tactile, recessed keypad for privacy and familiar ATM-style interface simplifies usage and reduces errors
- Highly reliable capacitive touch screen responds to fingertip input or stylus pen
- Bi-directional, triple-track magnetic stripe card reader minimizes re-swiping and keeps lines moving

- Swiftly handles payment and value-added transactions, including loyalty, gift card, and top-up applications

**An eye on flexibility, durability, and security**

- Common platform, applications, and operating system across the MX800 Series permit the easy combination and integration of devices to fit unique multi-lane needs
- Unmatched modularity gives retailers the flexibility to configure solutions for current and future needs to maximize investment protection
- Chemically-hardened glass touch screen is scratch-resistant for years of exceptional clarity
- Non-mechanical stylus ensures the highest reliability
- Keys are laser etched to preserve letters and numbers on keypad
- Optional retailer-branded trim plate with in-mold design lasts for life

- Designed to meet PCI PED and EMV Level 1 & 2 approvals, as well as Interac certification, and RoHS and WEEE compliance

**A good-looking package**

- The perfect complement for the MX850 is VisualPayments—VeriFone's modular suite of software allowing retailers an efficient, cost-effective, single point of control over payments, signature captures, network devices and multimedia content delivery
- Retailers can streamline receipt retrieval for chargeback investigation and quickly resolve disputes; easily push multimedia content from remote servers directly to consumers in the lanes; and manage devices remotely to update software or run diagnostics—and much more