

## BENEFITS AT A GLANCE

- Vibrant 65,536 color display delivers attention-getting video, animations, and targeted messages
- Advanced touch technology resists screen cloudiness and wear and tear for the lowest total cost of ownership
- PCI PED online and offline approval and EMV Level 1 and 2 Type approval mean retailers can use the same secure payment solution worldwide



## Branding From a Different Point Of View

Now VeriFone empowers retailers with a revolutionary new way to broadcast advertising and corporate messaging directly to customers. VeriFone's PCI PED and EMV Level 1 and 2 Type-approved MX870 goes well beyond standard PIN pad technology and merges full motion video, a 65,536 color display, high quality digital sound, and highly secure payment capabilities into a single, easy-to-use networking device. Merchants can harness the communications power of the MX870 to create brand awareness, reinforce advertising, or even deliver cross-promotions

to their customers. The unique and highly targeted marketing opportunities available through this merchandising powerhouse are truly extraordinary.

From today's contactless to tomorrow's biometric upgrades, the MX870's field-replaceable modules allow retailers to conveniently add functionality and future-proof their investment. Plus, the MX870 leverages the most advanced technology available by incorporating a robust, highly reliable capacitive touch-panel that supports finger and stylus input.

And its rugged design meets the rigors of the retail environment, while also providing ease of use for signature capture solutions and innovative features like blue LEDs in the card swipe and smart card slots. It all adds up to a handsomely-designed, innovative marketing solution that projects a quality brand-image to customers right when it matters the most.

# MX870

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## 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

65,356 color, 1/4 VGA, active-matrix, 5.7" TFT

### Graphics

Built-in media player supports 16-bit video animation

### Speakers

Built-in speakers for tones, prompts, and music; Line-out port available to drive external powered speakers

### Keypad

Virtual PIN pad  
PCI PED approved (online and offline)

### Touch Screen

Capacitive/hardened glass

### Signature Capture

Field upgradeable option

### Magnetic Card Reader

Triple-track, bi-directional; Software-controllable LED prompt

### Smart Card Reader

Up to 3 SAMS  
EMV Level 1 and 2 Type approved  
Software controllable LED prompt  
Factory option

### Contactless

ISO 14443 AB certified  
Optional, field-upgradeable module

### Cable Connectivity

Supports VeriFone multi-port cables with cable sensing:  
1 RS-485/RS-232 port  
and 2 RS-232 ports;  
EverestPlus/Omni 7xxx cables  
or MX multi-port cable for enhanced functionality

### USB Connectivity

Standard, device and host capability

### Ethernet Connectivity

10/100BaseT (factory option)

## Features & Benefits

### Smart, secure, sophisticated, and flexible

- MX Operating System combines the proven stability of a Linux embedded platform with the security of VeriFone's payment architecture
- PCI PED online and offline approval, plus EMV Level 1 and 2 Type approval mean retailers can use the same secure solution worldwide
- Host and device USB capability provides limitless scalability options, such as cost-effective memory expansion using USB Flash memory drives
- Ideal platform for a variety of value-added applications, such as administrating loyalty schemes, gift card issuance, and top-up services

### Features that present your message brilliantly

- High-speed processor, backed by 128 MB of memory refreshes screens instantly
- Active matrix display supports 65,536 colors for vibrant animations and video

- Attractive compact footprint, optional speakers, illuminated magnetic stripe prompt and smart card reader grab attention in any environment
- 10/100BaseT Ethernet connectivity pulls content seamlessly from any network

### Built for the long run

- Customer-branded trim plate with in-mold design creates lasting high-quality finish
- Modular design lets retailers configure solutions that meet their needs today and add features at any time—maximizing investment protection
- Chemically-hardened touch panel glass resists scratching and reduces breakage
- Non-mechanical stylus design eliminates failure points

### PAYware completes the solution

- The MX870 integrates with PAYware— powerful server-based software solutions by VeriFone that offer easy and efficient control for payment, signature, device, and content management
- Enables implementation of electronic signature capture with optional reporting and auditing for unsurpassed ROI
- Fully integrated dispute resolution streamlines receipt retrieval to speed chargeback investigation
- Retailers can push content from remote management sites directly to consumers
- Asset management tools for MX870 simplifies set-up and configuration