

**THE TECHNOLOGY  
BEHIND THE TRANSACTION**

# MAGTEK®

## VERIFY CHECKS, CREDIT & DEBIT CARDS INSTANTLY AT THE POINT OF SALE

### CHECK READING & IMAGING



MINI MICR



MINI MICR WITH MRS

- Low cost MICR check reader
- MRS model reads checks, ISO-standard magnetic stripe cards, and 1-, 2-, and 3-track AAMVA driver's licenses.
- Interfaces: Ibm 4683/4693, NCR 7052 Keyboard Wedge, Hyperoom Terminals, VeriFone Terminals, PC Keyboard Wedge.

- Small footprint
- Dimensions:  
Mini MICR: 6.0" long; 4.0" w; 3.18" h  
Mini MICR with MRS: 6.0"l; 4.0" w; 4.4"h.



MICR plus

- Reads checks, ISO-standard magnetic stripe cards, and 1-, 2-, and 3-track AAMVA driver's licenses.
- Features two RS-232 ports for connecting PINpads, barcode readers, signature capture pads

- Small footprint
- Dimensions: 6.0" long; 4.0" wide; 4.4" high



MICRimage

- Capture complete check image & MICR data for check conversion.
- Supports dual interfaces:
  - Dual RS-232 serial ports
  - RS-232 and Ethernet
  - RS-485 and Ethernet
- Dimensions: 8.1" long; x 3.9" wide; x 6.0" high

Mag-Tek's MICR check and cards readers brings unprecedented ease, efficiency, and security to the retail counter. Thousands of retailers worldwide are reaping the benefits, moving customers quickly through checkout lines and verifying checks and magnetic strip cards instantly at the point of sale while reducing fraudulent check acceptance. No delays. No mistakes due to manual character entry.

### Easy

Reading of checks, credits and debits cards, and driver's licenses using Mag-Tek MICR readers is automatic and foolproof. There are no alignment or placement subtleties to introduce human error.

### Accurate

Mag-Tek MICR readers handle checks in real-world conditions with the highest level of accuracy. You can be confident in the accuracy of the data read, and in decisions to accept or reject checks and credit cards. The ability to read driver's licenses affords extra protection by verifying customer identity.

### Fast

Read a check, magnetic stripe card, or driver's license instantaneously, transferring information to the host system. Your customers will appreciate the good service and fast checkout. You'll realize benefits to the bottom line, accepting checks with confidence and ease (with appropriate host processing).

### Durable

Mag-Tek MICR readers stand up through years of daily use at checkout, reading every check as accurately as the first. Proven in use, our MICR readers are in service today with major U.S. retailers, reading millions of checks daily and billions annually.

VeriFone's MX 850 offers a powerful processing engine, an ultra-crisp color display, scratch-resistant touch screen, outstanding durability, and modularity for investment protection.

## A Bright Way to Capture Consumer Attention

- Backlit vibrant display delivers full color, sharp, high-resolution, eye-catching screen images.
- High-speed processor and generous memory power full-motion videos and animated graphics
- 10/100 BaseT Ethernet connectivity delivers content seamlessly from any network.

## 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 minimize reswiping and keeps lines moving.
- Swiftly handles payment and value-added transactions, including loyalty, gift card, and top-off applications.

## 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 which eliminates usable cardholder data from POS applications, networks and servers.
- Common MX 800 Series platform, applications, and operating system make it easy to mix and match with other MX 800 devices.
- Modular design allows retailers to configure solutions that meet the needs of today while planning for tomorrow.
- Chemically-hardened glass touch screen is scratch-resistant and non-mechanical stylus ensures the highest reliability.
- Field-upgradable MX 800 Series printer and scanner enable applications such as price checking, product locators, instant credit applications and disclosures.
- Supports Verishield Remote Key to remotely and securely manage key injection, using online and offline methods, saving time and money.

## MX Solutions: The Total Package

- MX 800 Series hardware and peripherals are interchangeable, offering a wide variety of connectivity options.
- PAYware Vision, a fully integrated suite of software 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, and increase the capabilities of the MX 850 while reducing the overall development effort.
- Expertise and services from the industry leader in payments solutions that help retailers build loyalty, enhance customer satisfaction, increase sales.



Processor  
32bit 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, 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

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

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  
PCI PTS 2.x approved  
EMV Level 1 & Level 2 Type Approvals  
Interac  
RoHS & WEEE