



**MAGTEK<sup>®</sup>**

MICR Check Readers  
and Scanners

## For Check Processing Speed and Reliability...

Retailers rely on MagTek. Millions of check transactions every day are processed with MagTek check readers and scanners. For some of the industry's biggest retailers to the smallest businesses, MagTek check readers and scanners deliver flexibility, accuracy and value. With solutions for both auto- and single-feed operation and advanced features including integrated, secure card readers and color scanning, MagTek check readers and scanners fit the needs of a wide range of check transaction applications. For check processing that's easy and secure, put your trust in MagTek.

...MagTek Delivers the  
Solutions You Need.

# MAGTEK®

## MICR Check Readers & Scanners



### Excella™ STX

*Full-featured, single-feed check reader and scanner with an integrated MagneSafe™ secure card reader.*



### Excella™

*A multi-feed check reader and scanner with a capacity of up to 70 documents in its hopper.*



### MICRImage™

*An easy-to-use, single-sided check reader and scanner featuring a sleek, small-footprint design.*



### Excella™ MDX

*A multi-purpose, compact check reader and dual-sided scanner with an integrated MagneSafe secure card reader.*



### Mini MICR

*A small, single-feed MICR reader ideal for applications where fast and accurate MICR reading is required.*



## Excella™ STX

Excella STX is check reading made easy. For merchants that need an affordable method for rapid image capture at the earliest entry point when processing BOC, Check 21 and Remote Deposit Capture transactions, the Excella STX leads the industry in reliability and ease of use. Featuring a front and back printer for franking and endorsing, Excella STX scans front and back images in a quick, single pass. The small footprint unit also offers single-side scanning for standard ID cards and offers an optional color scanning feature.

### Benefits

The full-featured Excella STX is a single-feed check reader and scanner designed to meet the dynamic requirements of retail applications. The duplex reader offers MICR reading for E13B and CMC7 fonts and connects to standard PCs and terminals through a USB or Ethernet 100baseT interface. The unit also features easy access to check path and scan bars to simplify maintenance and cleaning. With an integrated MagneSafe secure card reader; this device may be everything your retail application needs for payment processing.

### Features

- Single-feed check operation
- MICR reading: E13B and CMC7
- Scans front and back images of a check in a single pass
- Single-side scanning of standard ID cards
- MagneSafe secure card reader
- Optional front and back printers for franking and endorsing
- Optional color scanning available
- Interfaces: USB and Ethernet 100baseT
- Small footprint
- Easy access to path and scan bars for maintenance and cleaning
- API and protocol compatible with MagTek's Excella (auto-feed scanner)

Secure.  
Reliable.  
Flexible.



## Excella™


Excella is the ideal desktop check reading device for early-image capture in high-volume electronic check applications, including BOC, Check 21 and Remote Deposit Capture. With a small footprint and striking modern design, Excella is an auto-feed check reader which captures both the front and back image of checks in a single pass. The automatic feeder has a capacity of up to 70 documents to easily support even the most active check processing applications.

### Benefits

When high performance check processing is an integral part of your application, Excella delivers both the speed and efficiency you need. The Excella reads both E13B and CMC7 MICR fonts and features a programmable endorsement message. Excella captures check images at a 200 dpi resolution and offers CCITT G4 or JPEG image compression to optimize your applications' storage use. The easy-maintenance, high-speed unit is API and protocol compatible with MagTek's Excella STX single-feed scanner for optimum application flexibility.

### Features

- Reads E13B and CMC7 MICR fonts
- Captures front and back image of checks in a single pass
- Single line programmable printer for rear side endorsement printing
- Black/white and grayscale images are standard
- Image resolution: 200 dpi (scaling to 100 dpi)
- Image compression: CCITT G4 or JPEG
- Image files: TIFF 6.0 (other formats can be made available)
- Automatic feeder with capacity for up to 70 documents and alternate input tray to feed single checks
- USB 2.0 (USB 1.1 compatible) and Ethernet 100Base-T
- Easy access to check path and scan bars for maintenance and cleaning
- API and protocol compatible with MagTek's Excella STX (single-feed, dual-side scanner)



Auto-Feed.  
Fast.  
Efficient.



# MICRImage™

Designed to interface with PC applications and the most popular POS terminals in the market, the MICRImage is the ideal solution for retail Check Conversion and ACH applications where both size and ease-of-use are critical factors. With a small footprint and an advanced ergonomic design, the MICRImage delivers the accuracy and compatibility retailers of all sizes require for electronic check transactions. Reading MICR data and scanning a check's front image in a single pass, MICRImage can store up to 100 black and white check images using standard CCITT or G4 compression.

## Benefits

MICRImage provides the highest MICR read accuracy available to ensure successful electronic check transactions. The efficient device combines design, function and value to provide the best solution for electronic check conversion. The ergonomic design features visual indicators for ease of use and rapid training while multiple interface ports ensure simple connectivity. The MICRImage is the ideal check reader and scanner for electronic check applications of all types including NACHA's POP, ARC and RCK.

## Features

- Reads E13-B and CMC-7 fonts
- Image resolution: 200 dpi
- Image compression: CCITT or G4
- Image files: TIFF 6.0 (other formats can be made available)
- Image storage capacity for up to 100 black & white images
- Each model includes two interface ports: RS-232/RS-232, RS-232/Ethernet, or RS-232/Modem
- USB connectivity is also available
- Easy-access feature allows convenient cleaning of scan bar and check path (no tools required)
- Optional 3-Track MSR (magnetic stripe Reader)
- Also available: MICR ER (Enhanced Reading) feature used for automated confirmation of MICR data



Small.  
Powerful.  
Easy-to-Use.



## Excella™ MDX

The multi-purpose Excella MDX is a compact check reader and dual-sided scanner that offers a cost-effective alternative to implement PC-based electronic check applications. Ideal for use with Check 21, BOC, and Remote Deposit Capture applications, Excella MDX also enables secure card-based payment transactions with its integrated MagneSafe secure card reader that encrypts card holder data at the point of swipe. The flexible device can also be used with an ID card for strong 2-Factor Authentication during web based financial transactions.

### Benefits

For active merchants, the Excella MDX is a full-featured device in a compact footprint. It enables the double-sided capture of complete check images in a single pass and supports E13B and CMC7 fonts. Using the MagneSafe secure card reader, retailers can also easily secure credit, debit and gift card transactions in addition to capturing check images. Excella MDX connects to PCs and terminals through a USB 2.0 interface and features an easy-to-read LED indicator for visibility in to device status. It's everything retailers need in a secure transaction device, and more.

### Features

- Dual-sided scanning for complete image capture of both sides of the check
- MagneSafe secure card reader
- Front and back side virtual endorsement
- USB 2.0 Interface
- LED indicator to provide device status
- Cover swings open for easy access to check path and scan bars with no tools required
- Automatic parsing of MICR fields: transit, account, etc
- Black/white and grayscale image rendition and 200dpi image resolution
- Image files: TIFF 6.0, JFIF with EXIF tags, BMP
- Image compression: CCITT G4 or JPEG
- Ability to capture up to four images per check
- SHA1 digital signature for image file authentication

Compact.  
Secure.  
High-Value.



## Mini MICR

Optimized to reduce transaction time and manual entry errors, the Mini MICR is a single-feed MICR reader with a reliable and durable design. Ideal for retail applications where fast and accurate MICR reading is required, the Mini MICR offers a range of interfaces options, including connectivity to the most popular POS terminals. With a simple drop-and-push check feed movement, the Mini MICR significantly speeds check verification and conversion.

### Benefits

The Mini MICR enables retailers to easily format the MICR data to match any application input requirements. In a single pass, the Mini MICR reads E13B and CMC7 MICR fonts and connects to POS terminals through a USB, RS-232 or PC keyboard wedge interface. Designed for multi-use retail environments, the Mini MICR also offers an optional 3-track magnetic stripe reader to read ISO standard credit and debit cards and ID cards. This highly dependable device will deliver superior performance throughout years of daily use.

### Features

- Reads E13-B and CMC-7 MICR fonts
- Reads MICR characters on checks and other MICR-encoded documents
- Small footprint with high accuracy and dependability
- Optional 3-track MSR (magnetic stripe Reader) for ISO and AAMVA cards
- Interfaces include USB, RS-232 and PC Keyboard Wedge. Other interfaces available

Durable.  
Accurate.  
Small.





## About MagTek

Since 1972, MagTek has manufactured and commercialized magnetic stripe based systems, peripherals and components to automate the exchange of financial information bringing tremendous efficiencies through time savings and risk reduction for financial institutions and retailers.

Our products are used worldwide in banks, credit unions, large retailers, small merchants, the hospitality industry and mobile service providers just to name a few and have played a major role in establishing the world's most cost effective and efficient payment infrastructure. Today, we secure these same products through strong encryption and real time authentication thwarting the efforts of criminals to undermine a system that has served the industry well for more than 30 years.

MagTek is based in Seal Beach, California and has sales offices throughout the United States, Europe, and Asia, with independent distributors in over 40 countries. For more information, please visit [www.magtek.com](http://www.magtek.com).

# MAGTEK®