



**MAGTEK<sup>®</sup>**

Secure Card Reading  
and PIN Solutions

## When it comes to Card Reader security and reliability...

Merchants and retailers—both online and in-store—rely on MagTek. MagTek readers capture data with a single swipe and they offer the flexible options merchants need for PCI-DSS compliance and ease of use. MagneSafe™ Secure Readers deliver data encryption, card authentication, and device/host authentication to protect customers from identity theft and card fraud. They can even proactively identify counterfeit cards. And for the ultimate in application flexibility and interface options, MagTek Card Readers deliver the configuration choice you need with the reliability you know you can trust.

...MagTek means quality.

# MAGTEK®

## MagneSafe Secure Card Readers & PIN Pads



### MagneSafe Full-Size Secure Card Reader

*Bi-directional secure card reader with a generous swipe path meets PCI-DSS requirements for securing cardholder data.*



### MagneSafe Mini Secure Card Reader

*Compact version of the MagneSafe Full-Size designed to mount conveniently to most flat surfaces where space is a premium.*



### MagneSafe Wireless USB Secure Card Reader

*Secure card reader with the flexibility and portability of a wireless USB interface.*



### MagneSafe BT90 Secure Card Reader

*Secure card reader made easy with the flexibility and portability of a Bluetooth wireless interface.*



### MagneSafe m20 Secure Card Reader

*Secure card reader that offers fast mobile transactions where cable or wireless connections are not accessible.*



### IPAD®

*Advanced generation, PIN-entry device with a 3-track secure card reader for safe and convenient transactions.*



## MagneSafe Full-Size Secure Card Reader

For retailers that want both security and ease of use, the MagneSafe Full-Size secure reader offers a reliable and convenient swipe path with complete security features for the peace of mind your customers trust. Specifically designed to meet PCI-DSS requirements to secure cardholder data via industry standard, Triple DEA encryption, the MagneSafe Full-Size secure card reader is self-powered from the USB port of any PC or terminal. This bi-directional secure card reader conveniently makes any existing merchant application compliant.

### Benefits

The MagneSafe Full-Size secure reader enables retailers to “future proof” their POS applications with support for both today’s traditional applications and tomorrow’s advanced security requirements. The MagneSafe Full-Size is 100% interface compatible with all traditional MagTek readers while also enabling advanced security features including data encryption, card authentication and device/host authentication to be activated when higher security is demanded. It supports the security architecture that combines MagnePrint® Card Authentication, Host/Reader Authentication, and Triple DEA DUKPT Data Encryption into a solution that meets PCI-DSS requirements for encryption of cardholder data.

### Features

- Provides clear text confirmation data including card holder’s name, expiration date, and a portion of the PAN as part of the Masked Track Data
- Supplies a dynamically generated 54 byte MagnePrint® value for card authentication
- Offers Authentication mode for use with Magensa™ decryption and authentication services
- Reads multiple tracks of card data and offers bi-directional card reading
- Reads encoded magnetic cards that meet ANSI/ISO/AAMVA standards plus some custom formats
- Supports USB HID or USB keyboard emulation interfaces; no third party device driver is required
- USB powered - no external power supply required
- Provides Red/Green/Amber LED for status
- Includes a unique, non-changeable device serial number that allows tracking of reader usage

Encrypted.  
Self-Powered.  
Future-Proof.



# MagneSafe Mini Secure Card Reader

Easily transform your retail card reader applications with the security of encryption that meets PCI-DSS requirements with the MagneSafe Mini secure reader. A compact version of the MagneSafe Full Size, the traditional 100mm footprint reader is the ideal device to secure cardholder data from credit cards, debit cards, gift cards, ATM cards and ID cards. Self-powered from the USB port of any PC or terminal, the MagneSafe Mini quickly “future proofs” your environment with support for both today’s existing retail applications and tomorrow’s advanced security demands.

## Benefits

Built for reliability and installation ease, the MagneSafe Mini secure reader utilizes a security architecture that combines MagnePrint® Card Authentication, Host/Reader Authentication and Triple DEA Encryption. The result is a solution ideal for retailers that need to meet PCI-DSS certification. The MagneSafe Mini is 100% interface compatible with traditional MagTek magstripe readers while offering advanced security features such as data encryption, card authentication, and device/host authentication to be activated when security requirements demand it. It is the perfect solution for environments that want to “future proof” their platforms for long-term compatibility.

## Features

- Provides clear text confirmation data including card holder’s name, expiration date, and a portion of the PAN as part of the Masked Track Data
- Supplies a dynamically generated 54 byte MagnePrint® value for card authentication
- Offers Authentication mode for use with Magensa decryption and authentication services
- Reads multiple tracks of card data and offers bi-directional card reading
- Reads encoded magnetic cards that meet ANSI/ISO/AAMVA standards plus some custom formats
- Supports USB HID or USB keyboard emulation interfaces; no third party device driver is required
- USB powered - no external power supply required
- Provides Red/Green/Amber LED for status
- Includes a unique, non-changeable device serial number that allows tracking of reader usage



Flexible.  
Compact.  
Compliant.



# MagneSafe BT90 Secure Card Reader

Security anywhere. With the MagneSafe BT90, secure card reading with the flexibility and portability of a Bluetooth interface is made easy. Small enough to fit into the palm of your hand, the BT90 enables secure communication with a PC or mobile phone using the popular Bluetooth interface. Not only does the BT90 encrypt card data from the moment the card is swiped, but it also offers card authentication to immediately detect counterfeit or altered cards.

## Benefits

Ideal for retailers that want flexibility and portability, the BT90 offers enhanced MagneSafe security features with the convenience of a Bluetooth interface. This powerful combination assures the card data protection, transaction security and convenience demanded by today's mobile users. The BT90 reader is specifically designed to provide secure mobile transactions, empowering consumers with the freedom and confidence of knowing that their transactions are secure and protected anytime, anywhere.

## Features

- Meets PCI-DSS security requirements
- Eliminates card skimming and protects against identity theft
- Offers standard 3-track magstripe card reading
- Offers Authentication mode for use with Magensa™ decryption and authentication services
- Supports MagnePrint® card authentication technology
- Features Triple DEA data encryption
- Includes multicolor LED to indicate reader status
- Offers a range of up to 30 feet (10 meters)
- Allows hundreds of card swipes between charges
- Rechargeable battery with 5-year life
- Uses standard USB cables to recharge

Bluetooth.  
Portable.  
Secure.



# MagneSafe Wireless USB Secure Card Reader

Get the freedom and flexibility you need to perform secure transactions without cabling restrictions. Now you can equip your store or restaurant with the flexibility of a secure card reader that can be easily moved to the customer, without cumbersome cables to get in the way. With a network range of up to 10 feet, the wireless device is equipped with a wireless USB interface for connection to any PC or terminal. And, it offers all of MagneSafe's enhanced security features including the encryption of card data from the moment it is swiped.

## Benefits

The MagneSafe Wireless USB Reader features MagneSafe's advanced security architecture which has been designed to meet PCI-DSS requirements for encryption of cardholder data. With no cabling to get in the way of card swiping, the compact reader has been designed for true flexibility and ease of use. Its long-life battery enables hundreds of secure swipes per charge and it is fully compatible with wired USB MagneSafe readers.

## Features

- Offers Authentication mode for use with Magensa™ decryption and authentication services
- Meets PCI-DSS security requirements
- Eliminates card skimming and protects against identity theft
- Offers standard 3-track magstripe card reading
- Supports MagnePrint® card authentication technology
- Fully compatible with the wired USB MagneSafe readers
- Ergonomic design simplifies card swiping; no cable to interfere with reader grip
- Convenient battery charging via industry standard USB cables—requires just a couple of hours for a full charge
- Supports personal area network with a range of 10 feet or more using the industry standard 2.4GHz frequency space
- Features Triple DEA data encryption

Wireless.  
Simple.  
Long-Life.



# MagneSafe m20 Secure Card Reader

Secure transactions, anywhere, anytime. The MagneSafe m20 is a secure reader that offers faster mobile transactions. It leverages the card swipe to capture data and facilitates lower transaction fees by executing an electronic transaction with card present. Ideal for payments where cable or wireless connections are not accessible, the m20 makes secure card transactions available to any retail application, regardless of where it is conducted.

## Benefits

With the MagneSafe m20 secure reader, the card data is not only captured in a single swipe, but is also encrypted at the moment of swipe. This enables dozens of transactions to be stored with a single reader. The encrypted information can then later be transferred to a PC, where an application can retrieve the transactions to reconcile orders, verify amounts, and process transactions. With security features that exceed the current requirements for card data protection and transaction security, the m20 offers the convenience demanded by today's on-the-go retail users.

## Features

- Enables standard 3-track magstripe card reading
- Stores dozens of transactions
- Offers Authentication mode for use with Magensa™ decryption and authentication services
- Supports USB 2.0 interface; uses standard USB cables
- Meets PCI-DSS security requirements
- Eliminates fraud by detecting counterfeit cards
- Encrypts card data prior to storage
- Includes MagnePrint® card authentication technology
- Offers Triple DEA encryption
- Saves battery power through push button transaction activation
- Hundreds of swipes per battery charge
- Multicolor LED to indicate reader status



Fast.  
Mobile.  
Freedom.



## IPAD®

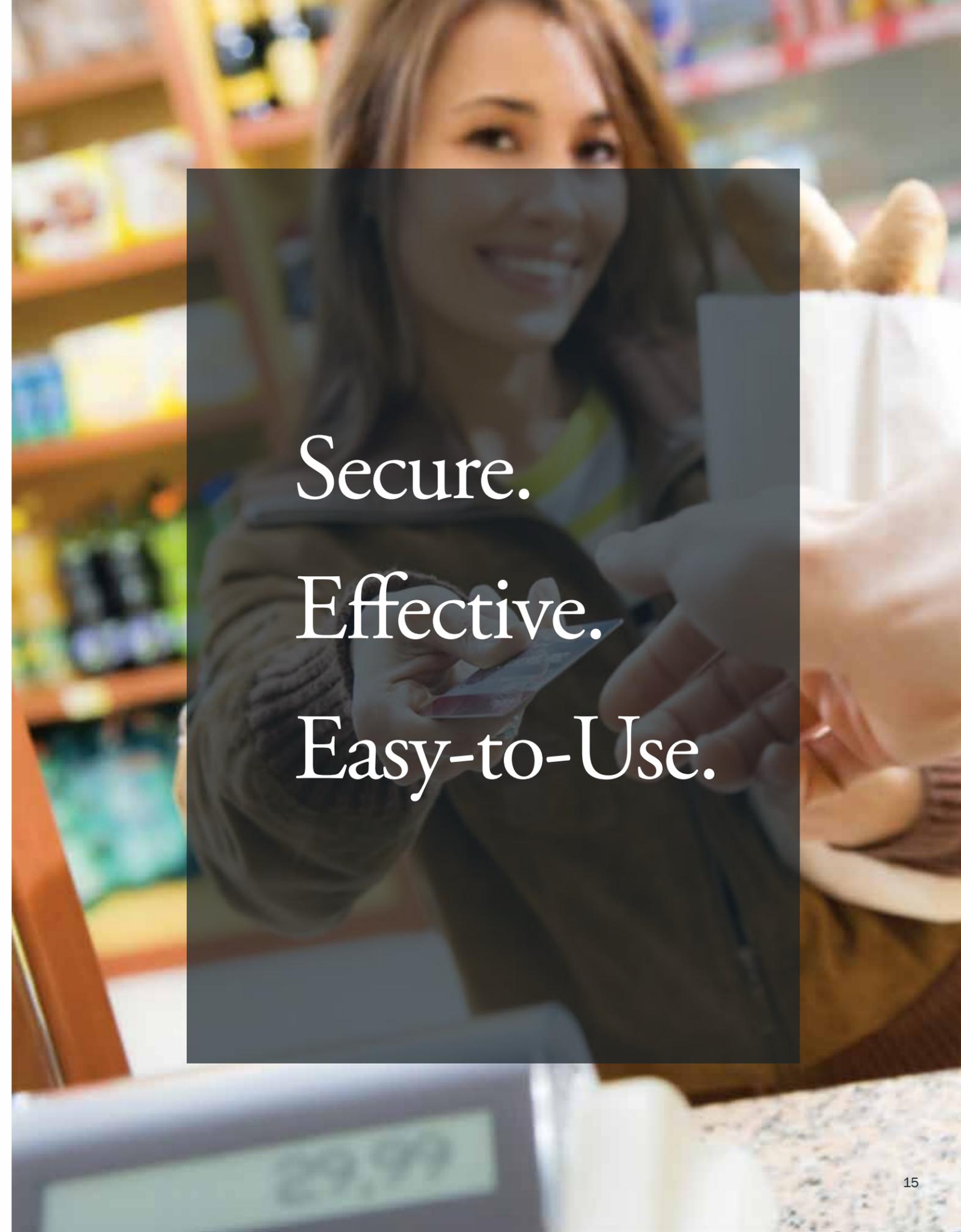
Offer PIN based transactions without compromising speed and convenience with IPAD. An advanced generation PIN Pad with PCI 2.0 certification, the IPAD immediately encrypts data at the point of swipe so cardholder information is never “in the clear.” And using MagTek’s advanced MagnePrint® card authentication security feature, debit, credit and gift cards are authenticated using their encoded track data plus dynamic data generated with each swipe which renders counterfeit or cloned cards useless and cardholder data unusable by thieves.

### Benefits

With IPAD, encryption takes place within an encapsulated magnetic read head as the card is swiped, eliminating the chance of intercepting clear text data. As a result, the data is never “in the clear,” even for a few milliseconds. IPAD’s data encryption scheme uses industry standard Triple DEA giving you the flexibility to manage decryption services yourself or via an outsourcing service, without the risk imposed by unproven, proprietary encryption algorithms. IPAD uses a 32bit security processor and has flexible data formatting and masking capabilities for maintaining compatibility with existing software eliminating the need for recertification. IPAD also supports secure remote key injection eliminating the need to return the unit in the event a new key is required.

### Features

- PCI PED 2.0 Certified
- 3 DEA Encryption
- DUKPT Key Management
- Offers Authentication mode for use with Magensa™ decryption and authentication services
- Remote Key Injection
- Card and Data Authentication
- Device and Host Mutual Authentication
- Flexible Data Formats
- Flexible Data Masking
- USB HID Device
- USB Bus Powered
- Optional Privacy Shield
- Backlit LCD graphics



Secure.  
Effective.  
Easy-to-Use.

## 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).

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