# DynaPAD for Retail
## Secure Card Reader Authenticator and Keypad

For merchants and call centers that want durability, security and flexibility for card present and card not present transactions, the DynaPAD Secure Card Reader Authenticator (SCRA) is MagneSafe™ secured and offers a reliable, long swipe path with complete security features for the peace of mind you can trust. The DynaPAD also features an easy-to-use keypad with a large 2 line x 16 digit liquid crystal display (LCD) for manual entry of card data. Specifically designed to meet PCI DSS requirements to secure cardholder data, the DynaPAD employs the industry standard, Triple DES encryption. For greater flexibility, its USB interface can be configured for USB HID or USB Keyboard Emulation, conveniently connecting to many existing merchant applications and making them more secure.

## Instant Card Data Preparation

MagTek secure card reader authenticators (SCRAs) use MagneSafe Security Architecture (MSA), a digital identification and authentication architecture that safeguards consumers and their personal data. Designed to exceed PCI regulations, MSA leverages strong encryption, secure tokenization, counterfeit detection, tamper recognition, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components. A key feature of MSA is MagnePrint® card authentication, a patented, proven technology which reliably identifies counterfeit credit cards, debit cards, gift cards, ATM cards and ID cards at the point of swipe, before fraud occurs. MSA's multi-layer security provides unmatched protection and flexibility for safer online transactions.

**DynaPAD**
Secure card reader authenticator for magstripe with secure keypad

Call a representative to learn more: 562-546-6400.

# Investment for peace of mind

The DynaPAD gives merchants and call centers the flexibility to accept both swiped transactions (card present) and manually entered transactions (card not present) where the sensitive card data is always encrypted using 3DES/DUKPT. Save time and resources with secure remote key injection and key management. MagTek's secure infrastructure allows merchants to safely and remotely inject encryption keys. This minimizes risk, while lowering costs, eliminating the need for merchants to manage sensitive information (such as encryption keys or device configuration settings) and enhances overall operations. Remote Services for key and device management allow for the upgrade of keys or device security settings throughout the life of the device, and remove the need for merchants to recall devices. Such flexibility provides peace of mind in knowing that merchants have maximum flexibility to manage changes in the future and the flexibility to support tomorrow's evolving payment technologies.

# Ease of integration

MagTek understands that development time is expensive, and that "time to market" is critical. The DynaPAD is a plug-n-play USB device (USB power and connection). DynaPAD is 100% interface compatible with many MagTek USB HID readers and can be a drop-in replacement that requires no change to the merchant's POS software solution.

# Industry Standard Compliance

- Remote key and device management services from MagTek are compliant with TR-39 environments
- MagTek is an official ESO (Encryption Support Organization). Visit Visa's Global Registry of Service Providers for more details

# Features

- Supports encryption of magstripe card data (card present) and manually entered card data (card not present)
- Ergonomically designed keypad offers exceptional tactile feel
- USB Powered, no external power supply require
- 1 million+ card read cycle

| Secure Card Reader Authenticator with Key Pad | |
|---|---|
| Operating System | Windows |
| Connection | USB Type A plug, 6ft |
| Interface | USB HID and USB KB |
| Status Indicators | Green LED |
| Display | 2 line by 16 digit liquid crystal display (LCD) |
| Key Pad | 15-key key pad |
| SCRA | Three (3) tracks<br>Protects card data per PCI DSS reqs.<br>MagnePrint card authentication<br>ISO 7810 and ISO 7811/ AAMVA |
| Card Speed | 6 to 60 ips (15.4 to 152.4 cm/s) |
| Message Format | ASCII |
| Recording Method | F2F |
| Security | MagneSafe Security Architecture (MSA) |
| MSA | Triple DES open standards-based encryption<br>DUKPT key management<br>Immediate card data tokenization<br>MagnePrint® card authentication |
| Electrical | |
| Current | 100mA maximum |
| Power | 5V from USB bus |
| Charging | USB Powered, no external power supply require |
| Mechanical | |
| Dimensions | L 5.90 in. x W 4.00 in. x H 1.51 in. (150mm x 102mm x 38mm) |
| Weight | 9.3 oz |
| Environmental | |
| Temperature | |
| Operating | 0° - 45° (32° F to 113° F) |
| Storage | -20° - 60° (-4° F to 140° F) |
| Humidity | |
| Operating | 5% to 90% noncondensing |
| Storage | 5% to 90% noncondensing |
| Altitude | 10,000 |

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