



## DynaPAD for Retail

### Secure Card Reader Authenticator and Keypad



DynaPAD  
Secure card reader authenticator for magstripe with secure keypad



For merchants and call centers that want durability, security, and flexibility for card present and card not present transactions, DynaPAD Secure Card Reader Authenticator (SCRA) is MagneSafe<sup>®</sup> secured and offers a reliable, long swipe path with complete security features for the peace of mind you can trust. DynaPAD also features an easy-to-use keypad for manual entry of card data and a large 2 line x 16 digit liquid crystal display (LCD). 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

Specifically designed to exceed PCI DSS requirements to secure cardholder data, DynaPAD employs industry standard, 3DES encryption and derived unique key per transaction (DUKPT) key management scheme. This 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.

MagTek secure card reader authenticators (SCRAs) use MagneSafe Security Architecture (MSA), a digital identification and authentication architecture that safeguards consumers and their personal data. MSA leverages strong encryption, secure tokenization, counterfeit detection, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components.



Call a representative to learn more: 800-531-8575

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.

## Investment for peace of mind

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. 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



Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, checks, PINs and identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card reader/authenticators, token generators, EMV contact, contactless and NFC reading devices, encrypting check scanners, PIN pads and distributed credential personalization systems for secure magstripe and EMV enabled cards. These products are used worldwide by financial institutions, retailers, and processors to provide secure and efficient payment and identification transactions. Today, MagTek continues to innovate. Its MagneSafe® Security Architecture leverages strong encryption, secure tokenization, dynamic card authentication, and device/host validation enabling users to assess the trustworthiness of credentials and terminals used for online identification, payment processing, and high-value electronic transactions.

Specifications	DynaPAD
<b>Payment methods</b>	
Magstripe secure card reader authenticator Triple Track (TK1/2/3); Bidirectional read ISO 7810, 7811; AAMVA driver licenses	YES 6 ips to 60 ips
EMV chip contact EMVCo L1 and L2 ISO/IEC 7816	NA
EMV contactless EMVCo L1 and L2, EMV Level 1 /C-2/C-3/C-4/C-5 ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	NA
NFC contactless / mobile wallets ISO/IEC 18092, ISO/IEC 14443   (Type A, Type B) C-1/ C-6/C-7 D-PAS®, PayPass™, payWave®, ExpressPay®, Apple Pay®	NA
<b>Reliability and Operation</b>	
MSR / SCRA swipes	1 Million
EMV insertions	NA
Operating System	Windows plug & play
CPU and memory	Non-volatile
Status indicators	Status LED (Green)
Device Compatibility	Windows
<b>General</b>	
Connection Method	USB Type A plug, 6ft
Wireless (Frequency 2.4 MHz)	NA
Interface	USB HID and USB KB
Display	2 line by 16 digit liquid crystal display (LCD)
Secure Key Pad	15-key key pad
Optional Accessories	NA
Web services	Magensa Services
<b>Electrical</b>	
Charging	None
Battery	No battery
Current and Power	Power via USB 100 mA max USB: 5V
<b>Security and Certifications</b>	
Compliance (FCC, CE, UL)	YES
Data protection 3DES encryption; DUKPT key management MagneSafe Security Architecture Unique, non-changeable device serial number	YES
<b>Mechanical</b>	
Dimensions L x W x H or L x W x D	5.90 x 4.00 x 1.51 in. (150 x 102 x 38 mm)
Weight	9.3 oz. (263.651 g)
Mount/Stabilizer	Velcro®
<b>Environmental</b>	
Operating temp	32°F to 113°F (0°C to 45°C)
Operating humidity non-condensing	5% to 90%
Storage temp	-4°F to 140°F (-20°C to 60°C)
Storage humidity non-condensing	5% to 90%