PIN Pads and Terminals

Secure PIN Pads with Magstripe, EMV Chip Cards, and NFC Contactless Applications

Financial institutions, businesses and retailers know they can rely on MagTek. Our PIN entry devices (PEDs) provide the trusted and reliable performance expected by security minded customers. They are easy to use and offer a convenient variety of configurations. MagTek's DynaPro Go and DynaGlass offer the most secure PIN solution on the market delivering on-board instant encryption and device authentication. MagTek PEDs exceed PCI PED regulations.

Secure Transactions

MagTek PEDs are unique in the marketplace by offering more than other devices, including the MagneSafe® Security Architecture (MSA) foundation. The MSA has evolved exponentially from its inception in 2006 when it delivered the industry's first SCRAs for secure electronic transactions. The MSA is 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. MagTek PEDs combine the industry's best practices and standards for encryption (3DES), key management (DUKPT), and data protection. Consumer transaction data is protected by encrypting all PIN, magstripe, EMV chip card, and manually keyed data as soon as it is entered into the device.

A key feature of the 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 on-line transactions.

MagTek is an official ESO (Encryption Support Organization).

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

Secure Transactions
### Exceed Compliance Measures - Reduce PCI Scope
The integrated SCRA delivers instant encryption so your customers' sensitive card details never enter your system in the clear. The data is sent securely over TLS connections for decryption, authentication, and processing. SCRAs are the only readers that can perform real-time counterfeit card detection and encrypt the card data within the reader.

Remote Services
MagTek's secure remote services include key injection and device configuration. These services are compliant with PCI P2PE environments, and eliminate the need for merchants to manage sensitive information such as encryption keys or device configuration settings. 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 retailers to recall devices. Such flexibility provides peace of mind in knowing that you have maximum flexibility to manage changes in the future and the flexibility to support tomorrow's evolving technologies.

Easy Development and Implementation
MagTek understands that development time is expensive, and that "time to market" is critical. MagTek is your partner in development and provides a comprehensive platform of drivers, APIs, and Software Development Kits (SDKs). The SDKs include tools, documentation, and sample code for developing applications in a variety of environments for fast development and easy integration. Simple device connection and a reliable swipe path, make training fast. MagTek PEDs are ready to meet today's requirements, and tomorrow's opportunities. Each device has its own unique, unchangeable serial number, which supports audit tracking, device/host authentication and remote services.
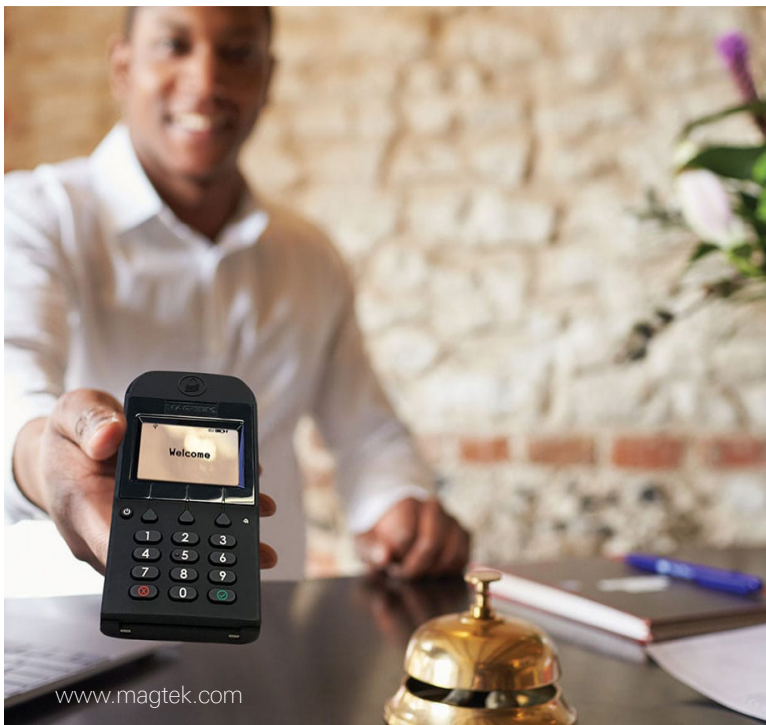
DynaGlass
DynaGlass is a POS terminal with an 8-inch display that delivers a sleek, stationary POS solution. Intended for mounted environments it provides a clean central location for customer transactions and payments. Minimize the clutter at your point of sale and accept all the methods of payment you need with a secure payment terminal.

Flexible Payment Methods
DynaGlass is a full service terminal, able to accept magnetic stripe cards, EMV chip cards (contact and contactless), and NFC enabled mobile wallets including Samsung Pay, Google Pay, and Apple Pay. Using the latest in technology, DynaGlass offers a capacitive multi-touch screen that supports electronic signature and PIN on Glass for secure virtual keypad on a full color LCD display.

Versatile Settings
DynaGlass is ready for your countertop payment environment. Its sleek design uses minimal POS real estate and reduces power cords, cables, and cumbersome accessories. The clean design enhances the customer experience delivering faster payments moving lines and increasing sales.

Get Your Message Across
The larger screen is great for running announcements, promotions, and getting your message across during customer interactions. You can provide coupons or valuable loyalty sign up as well. The larger screen size makes it easier for your customers to see what you are offering and ease the payment transaction flow for better customer service.

Easier Integration
DynaGlass is compatible with Android operating systems and uses a USB Type C connection for improved compatibility and connectivity. The added ability to connect DynaGlass via 802.11 wireless or Bluetooth LE makes integration and implementation into a variety of platforms and environments even easier.

DynaGlass Key Features
Features subject to change without notice.

DynaPro Go

MagTek's DynaPro Go is a handheld secure PIN entry device that is ideal for credit, prepaid, gift, and debit cards for mobile point of sale applications where you need unmatched convenience and security. Reduce your interchange rates, reduce charge-backs, and increase your customer satisfaction and sales with DynaPro Go.

Mobility and Acceptance

DynaPro Go provides a mobile solution that is convenient without sacrificing security. Bring multiple low-cost, yet secure point-of-service terminals directly to the customer wherever and whenever they are ready to buy. The magstripe card reader is capable of reading any ISO or AAMVA encoded magnetic stripe data, the contact chip card slot is located in the bottom of the device ready to read contact chip cards (ICC), and the contactless reader is directly behind the LCD display. The back-lit keypad provides a better user experience when used in low-light settings such as taxi cabs.
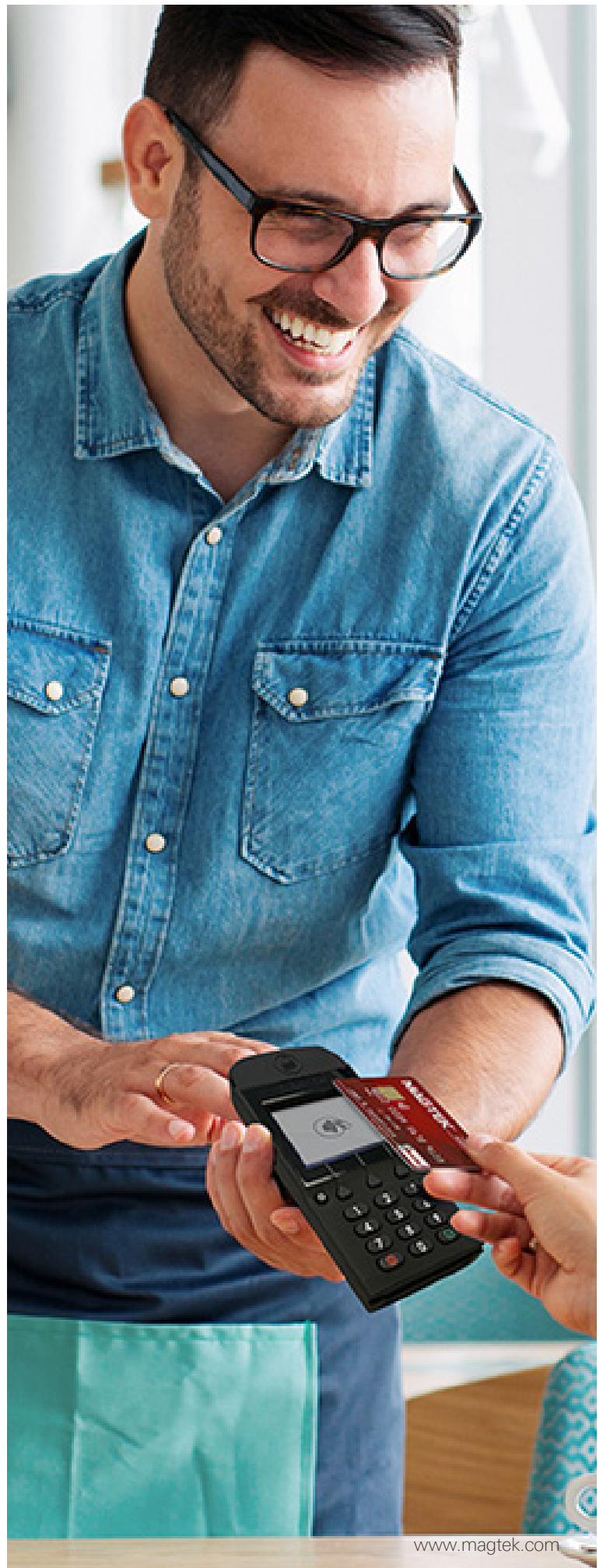
Exceeds Security Standards

The MagTek MagneSafe Security Architecture (MSA), *EMV chip card technology, and NFC capability exceed current PCI requirements. The enclosure and associated electronics form a Tamper Resistant Security Module (TRSM) where attempts to penetrate or modify the unit cause all keys to be cleared and/or stop the unit from functioning.

DynaPro Go meets and exceeds PCI PTS 4.x, SRED.

DynaPro Go
*Secure card reader authenticator for magstripe cards, *EMV chip and NFC with USB and TCP/IP over 802.11 wireless connection, and Bluetooth LE. Optional charging station shown here.*

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Specifications	DynaGlass *Features subject to change without notice.*	DynaPro Go
Payment methods		
Magstripe secure card reader authenticator - Triple Track (TK1/2/3); Bidirectional read ISO 7810, 7811; AAMVA driver licenses	YES 4 ips to 60 ips	Yes
EMV chip contact EMVCo L1 and L2 ISO/IEC 7816	EMVCo L1 and L2 ISO/IEC 7816	*Expiring 8/2021
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)	ISO/IEC 18092, ISO/IEC 14443 (Type A, Type B) and Mifare, FeliCa, RFID capability	*Legacy L3 after 3/2021
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®	Level 1 / Level 2 Contact Level 1 /C-2/C-3/C-4/C-5 (Contactless), C-1/ C-6/C-7, PayWave, PayPass, ExpressWay, D-PAS, QuickPass (UnionPay)	*Legacy L3 after 3/2021
Signature Capture	YES but no Stylus	with dry finger tips
Reliability and Operation		
MSR / SCRA swipes	200K	1 Million
EMV insertions	200K	500K
Testing compatible operating systems	Any OS that supports USB HID 2.0 + Bluetooth LE or IEEE 802.11 wireless	USB Hosts: Windows 7, Windows 8 and 8.1, Windows 10, Android 4.4.2 and above with USB OTG support 802.11 wireless TLS 1.2 hosts: iOS 7.1 and above, Android 6.0 and above, Windows 7 SP1 and above Bluetooth LE hosts: iOS 7.1 and above, Android 5.0 and above, Windows 8.1 and above on hosts that support Bluetooth LE, Secure Connections per Bluetooth Core Specification 4.2.
CPU and memory	STM 32 1GB RAM, 8GB and Flash	256 MBit flash memory
Status indicators	TBD	NA
Device Compatibility	Any OS that supports USB HID 2.0 + Bluetooth LE or IEEE 802.11 wireless	Windows, Android, iOS
General		
Connection Method	USB Type C and Pogo pin for docking station, IEEE 802.11 wireless, or Bluetooth LE	Micro USB Certain standard wireless, Bluetooth LE
Interface		Compatible with USB 1.1 & USB 2.0 Certain standard wireless
Display	8-inch full color LCD display, resolution of 1280X800, capacitive multi-touch screen, supporting electronic signature and pin on glass capability	320x240 pixels BackLit QVGA TFT LCD; 16-bit color depth; Adaptable brightness based on ambient lighting or preset. Pre-programmed static and animated messages.
Secure PIN Pad	Secure virtual keypad for PIN entry, 1 power switch, 2 function keys	Backlit Full-travel membrane pad providing tactile feedback; 10 digits, 2 data entry keys, 3 multi-purpose function keys; ADA compliant
Optional Accessories	Optional charging station	Optional charging station
Magensa Web Services	Gateway, Tokenization, Encryption, Remote	Gateway, Tokenization, Encryption, Remote
Electrical		
Charging	USB 2.0 Type C charging	Micro-USB charger
Battery	Li-ion battery 3.7V/3800mAh/14.1Wh Charging every 6 months to maximize operation is recommended.	1700 mAh nominal (rated) Lithium ion polymer rechargeable for main power; Lithium coin cell for backup.
Current and Power	Power through USB. Charging Cradle with optional printer capability Input: 100~240VAC, 50/60Hz, 0.3A Output: 5.0VDC, 1.0A	USB Port Powered via Micro-USB jack 5VDC
Security and Certifications		
Compliance (FCC, CE, UL)	YES PCI PTS POI 5.X	YES & PCI PTS 4.x & EMV Co (pending) In SRED mode compliant for use in PCI-DSS and PCI P2PE environments
Data protection 3DES encryption; DUKPT key management; MagneSafe Security Architecture; Unique, non-changeable device serial number		
Tamper	Responsive	Evident/Resistant/Responsive
Mechanical		
Dimensions L x W x H or L x W x D	205mm x 156mm x 22mm	6.1 x 2.8 x 1.0 in. (155 x 71 x 25.4 mm)
Weight	TBD	802.11 wireless model: 8.84 oz. (250.5g) Bluetooth LE model: 8.73 oz. (247.5g)
Mount/Stabilizer	TBD	Optional charging and docking station.
Environmental		
Operating and storage temp	32°F to 113°F (0°C to 45°C)	32°F to 113°F (0°C to 45°C)
Operating humidity, non-condensing	10% to 90%	10% to 90%