![MAGTEK® SECURITY FROM THE INSIDE]

PIN Devices for Retail

Secure Cryptographic Devices for PIN, Magstripe and EMV

Financial institutions, businesses and retailers know they can rely on MagTek®. MagTek Secure Cryptographic Devices provide the trusted and reliable performance expected by security minded customers. MagTek's PIN and data entry devices offer the best in security solutions. They are easy to use and offer a convenient variety of configurations. MagTek's DynaPro, DynaPro Mini and IPAD® series offer the most secure PIN solution on the market delivering onboard instant encryption and device authentication. MagTek PIN devices exceed PCI PED regulations and offer encryption at the point of swipe.

SECURE TRANSACTIONS

MagTek SCDs 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 SCDs 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, smartcard, 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 online transactions.

MagTek is an official ESO (Encryption Support Organization).

DynaPro

Secure cryptographic device for PIN, with SCRA, EMV contact / contactless, and optional contactless NFC, signature capture, and privacy shield

Call a representative to learn more
562-546-6400

REDUCE SCOPE OF PCI - EXCEED COMPLIANCE MEASURES

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 SSL 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 read head.

REMOTE SERVICES FOR EASY IMPLEMENTATION

Simple device connection and a reliable swipe path, make training fast. MagTek SCDs 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.

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.

MagTek offers a comprehensive platform of drivers, APIs, and SDKs for fast development and easier integration.

DynaPro

Prevent card data breaches without compromising the speed and convenience of consumers' transactions with DynaPro.

DynaPro is a sleek, multifunction point of transaction and POS PIN Entry Device with encrypting keypad, a MagneSafeTM secure card reader authenticator (SCRA), EMV contact/contactless smart card reader and optional NFC (contactless) capabilities. DynaPro provides all of this functionality within a slim, stylish, and rugged payment secure cryptographic device (SCD) that can be hand-held or fix mounted.

DynaPro allows merchants to use one device for a variety of card technologies. DynaPro encrypts cardholder payment data, exceeds PCI DSS security requirements, and provides a future-proof migration path for tomorrow's EMV payment technologies. Start using the DynaPro, an EMV-equipped payment terminal to future-proof your payment solution (no changes needed for current MagTek IPAD® customers). Install immediately for magstripe card transactions, and remotely turn on EMV in the future, once the US market is ready.

ENHANCED EXPERIENCE - MAXIMUM ACCEPTANCE

The DynaPro's integrated features provide a single point-of-transaction interface for all of your consumers' payment and transactional needs. The compact design provides a small footprint that fits easily into retail POS environments. DynaPro comes standard as a PIN entry device with a secure card reader authenticator (SCRA), EMV smartcard reader, secure PIN pad, color display, programmable function buttons, and a USB 2.0 interface. Optional features include: NFC contactless card reader, signature capture, privacy shield, and Ethernet interface. DynaPro expands its acceptance with PIN or signature user authentication, accepting most payment methods, including traditional PIN debit, EMV Chip and PIN, or EMV Chip and Signature.

EXCEEDS SECURITY STANDARDS

DynaPro devices are PCI PTS 3.x SRED compliant.

DynaPro Mini
Secure cryptographic device for PIN, with SCRA, EMV contact and BLE or iOS connection

DynaPro
Secure cryptographic device for PIN, with SCRA, EMV contact / contactless, and optional contactless NFC, signature capture, and privacy shield

DynaPro Mini

MagTek's DynaPro Mini is a handheld device that combines a secure PCI PTS 3.x, SRED compliant PIN Entry Device with a MagneSafe™ secure card reader authenticator (SCRA) and a Smart Card reader. This versatile secure cryptographic device (SCD) is ideal for credit, ATM, Prepaid, gift, and debit cards for mobile point of sale applications where you need unmatched convenience and security. Reduce your interchange rates, reduce chargebacks and increase your customer satisfaction and sales with the DynaPro Mini.

ENHANCED EXPERIENCE - MAXIMUM ACCEPTANCE

The DynaPro Mini 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. MagTek has the most dynamic and flexible solutions, enabling increased convenience, speedier check-outs, enhanced security, reduced overall risk of fraud, while limiting the scope of PCI.

EASE OF INTEGRATION AND IMPLEMENTATION

MagTek understands that development time is expensive, and that "time to market" is critical. The DynaPro Mini can be used with a variety of computing platforms including iOS, Android, PC and Mac computers. The DynaPro Mini can interface through the Apple 30-pin, its onboard micro USB port or its optional Bluetooth 4.0 (Bluetooth Low Energy or BLE) antenna. The display module is a full dot-matrix graphics unit with an LCD display and the fifteen-key keypad consists of well contoured buttons with tactile feedback for convenient entry of PINs or other data.

DynaPro Mini is a durable device made for easy connection. 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.

EXCEEDS SECURITY STANDARDS

DynaPro Mini are PCI PTS 3.x SRED compliant.

IPAD® and IPAD® SC

Prevent personal cardholder data breaches without compromising the speed and convenience of your cardholders' financial transactions with IPAD devices. Comprehensive, end-to-end security solution, IPAD immediately encrypts data at the point of swipe so personal information is never "in the clear." And using MagTek®'s advanced MagneSafe™ security features, ATM, debit, credit, gift cards and more are authenticated using MagnePrint®, a dynamically generated digital identifier already part of the magnetic stripe card used to render any counterfeit or cloned cards useless.

STABILITY AND RELIABILITY

The IPAD is a multi-functional handheld POS terminal with keypad input, graphics display output on a 128x64 pixel screen, and magnetic card stripe reading with the integrated MagneSafe SCRA. The product is built around a secure, low powered SOC featuring a 96 MHz MIPS32 4KSD RISC processor with included RAM and Flash memory, USB 2.0 full speed connectivity, real-time clock, and battery-powered security protections.

EXCEEDS SECURITY STANDARDS

IPAD devices are PCI PED 2.x compliant.

IPAD
Secure cryptographic device for PIN, with SCRA and optional privacy shield

IPAD SC
Secure cryptographic device for PIN, with SCRA, and optional signature capture, and privacy shield

MAGTEK®
SECURITY FROM THE INSIDE

Specifications - Choose the best fit for your needs

	DynaPro	DynaPro Mini	IPAD	IPAD SC
OPERATING SYSTEM	Windows XP or later (32-bit or 64-bit); Microsoft .NET Framework version 2.0 (Not required but suggested);	Windows or iOS	Windows XP or later (32-bit or 64-bit) Microsoft .NET Framework version 2.0 (suggested)	Windows XP or later (32-bit or 64-bit) Microsoft .NET Framework version 2.0 (suggested)
CONNECTION	USB or Ethernet	iOS 30-pin microUSB Bluetooth BLE 4.0	USB, 6 ft cable (1.8 m) RJ12 (or RJ25) modular jack	USB, 6 ft cable (1.8 m) RJ12 (or RJ25) modular jack
INTERFACE	USB, Ethernet	USB, Bluetooth, iOS	USB 2.0 (USB 1.1)	USB 2.0 (USB 1.1); keyboard emulation
MAGSTRIPE READER 3 TRACK, ANSI, ISO (7810, 7811 COMPLIANT), AMMVA, BIDIRECTIONAL	X	X	X	X
DISPLAY	240x320 res; backlit; TFT color	Dot matrix LCD screen, 128 x 32 pixel array	Backlit, LCD Liquid crystal display; 128x64	Backlit, LCD Liquid crystal display; 128x64
KEY PAD	16 Keys (3 Function Keys), raised marking, ADA compliant	Rubber dome switches: 15 digits including 3 function keys, up/down arrows, ADA compliant	16-key, includes 3 soft function keys associated with LCD, ADA compliant;	16-key, includes 3 soft function keys associated with LCD, ADA compliant;
POWER/ VOLTAGE	Non contactless, USB Port Powered: 5VDC, 250mA Contactless Power Pack: 5VDC, 900mA	USB Port Powered via Micro-USB jack 5VDC, 500 mA when connected to computer USB port	USB bus powered; 5VDC; 100 ma	USB bus powered; 5VDC; 100 ma
SCRA	X	X	X	X
EMV L1 EMV L2	X	X	NA	NA
NFC	X	NA	NA	NA
SECURE PIN PAD	X	X	X	X
SIGNATURE CAPTURE	X	NA	NA	X
PRIVACY SHIELD (OPTIONAL)	X	NA	X	X
SECURITY				
MSA: MAGNEPRINT; TRIPLE DES ENCRYPTION, DUKPT, TOKENIZATION, AUTHENTICATION, DYNAMIC DATA				
TAMPER RESPONSIVE AND TAMPER RESISTANT/EVIDENT				
DEVICE MANAGEMENT: REMOTE KEY LOADING, UNIQUE NON CHANGEABLE SN, DEVICE AUTHENTICATION, TIME BOUND SESSION IDs				
MECHANICAL				
DIMENSIONS (LxWxH)	8.8x3.3x2.4in / 223.5x99.1x 61.0mm	BLE: 3.82x2.46x1.05 in/ 97.0x62.5x26.6 mm iOS Device: 3.877x2.52x 1.05 in.	7.5x3.5x1.5in/ 190.5x88.9x38.1mm	7.5x3.5x1.5in/ 190.5x88.9x38.1mm
ENVIRONMENTAL				
TEMPERATURE	Operating Temp: 32°F - 113°F /0°C-45°C Storage Temp: 14°F - 140°F /0°C - 60°C	Operating Temp: 32°F - 113°F /0°C to 45°C Storage Temp: 14°F - 140°F /0°C to 60°C	Operating Temp: 32°F to 113°F /0°C to 45°C Storage Temp: 14°F to 140°F/-10°C to 60°C	Operating Temp: 32°F to 113°F /0°C to 45°C Storage Temp: 14°F to 140°F /-10°C to 60°C
HUMIDITY	Operating Humidity: 10% - 90% RH, Storage Humidity: 10% - 90% RH non-condensing	Operating Humidity: 10% - 90% RH Storage Humidity: 10% - 90% RH non-condensing	Operating: 10% to 90% non-condensing at 23°C Storage: Up to 90% non-condensing	Operating: 10% to 90% non-condensing at 23°C Storage: Up to 90% non-condensing
OPERATING ALTITUDE	0 to 10,000 ft (0 to 3048 m)			