



DynaPro

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



DynaPro for POS

Secure Cryptographic Device for PIN, Magstripe and EMV

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 MagneSafe™ 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



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

Specifications

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 provides the highest levels of physical and logical security, is PCI PTS 3.x SRED compliant, and combines the industry's best practices and standards for encryption (3DES), key management (DUKPT), and data protection. It protects consumer transaction data by encrypting all PIN, magstripe, smartcard, contactless, and manually keyed data as soon as it is entered into the device.

DynaPro uses MagnePrint® card authentication which can identify and detect counterfeit magnetic stripe ATM, Debit, Credit, and Gift cards, and render them useless. This state-of-the-art security is designed to identify and prevent fraud before it happens.

Drop in Replacement.* Ease of Integration.

MagTek understands that development time is expensive, and that "time to market" is critical. DynaPro is the only EMV solution in the market today which is a *drop-in replacement for existing MagTek IPAD® customers (USB HID interface). Start offering your customers an EMV payment terminal today or install now for magstripe card transactions, and turn on EMV in the future.

For new customers, MagTek provides a comprehensive platform of drivers, APIs, and SDKs for DynaPro which allow for fast development and easy integration.

Peace of Mind. Flexible and Easy to Maintain.

The DynaPro is 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.

OPERATING SYSTEM	Windows XP or later (32-bit or 64-bit); Microsoft .NET Framework version 2.0 (Not required but suggested);
CONNECTION	USB HID 2.0 (standard), Ethernet (optional) RJ25 mod.jack
INTERFACE	USB, Ethernet
SCRA	Triple Track (TK1/2/3), encrypting IntelliHead reader with MagnePrint; Bidirectional read; ISO 7810, 7811 compliant cards; AAMVA driver licenses; 1 million passes
DISPLAY/AUDIO	Display: 240x320 res; backlit; TFT color Audio Beeper: confirms key presses SmartCard insertion LEDs: smartcard slot Contactless status LEDs: status of card read
POWER/VOLTAGE	Non contactless, USB Port Powered: 5VDC, 250mA Contactless Power Pack: 5VDC, 900mA
EMV L1 EMV L2	EMV L1 and EMV L2 Type Approval; ISO 7816, 1.8V, 3V, 5V synchronous and asynchronous cards; 500,000 insertions EMV contact/contactless; EMV Chip and PIN; EMV Chip and Signature
NFC	EMV L1 Type Approval; MasterCard PayPass M/Chip, MasterCard PayPass Magstripe, Visa PayWave MSD, Visa PayWave qVSDC, American Express, Discover ZIP, ISO 14443-4 and Mifare
SECURE PIN PAD	16 Keys (3 Function Keys), raised marking, ADA compliant
SIGNATURE CAPTURE	Capacitive Sense Stylus; Full Screen Sensing Area
PRIVACY SHIELD	(OPTIONAL)
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	
DIM. (LxWxH)	8.8x3.3x2.4in / 223.5x99.1x 61.0mm
ENVIRONMENTAL	
TEMP.	Operating Temp: 32°F - 113°F /0°C -45°C Storage Temp: 14°F - 140°F /0°C - 60°C
HUMIDITY	Operating Humidity: 10% - 90% RH, Storage Humidity: 10% - 90% RH non-condensing
ALTITUDE	0 to 10,000 ft (0 to 3048 m)