



**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.



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.

## 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.

Specifications	DynaPro
Choose the best fit for your needs	
<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	YES
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)	YES
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®	YES
Signature Capture	Optional YES with Stylus
<b>Reliability and Operation</b>	
MSR / SCRA swipes	1 Million
EMV insertions	500K
Operating System	Windows XP or later (32-bit or 64-bit); Microsoft .NET Framework version 2.0 (Not required but suggested)
CPU and memory	32-bit secure processor 256 MBit flash memory 64 MBit internal SDRAM memory
Status indicators	For EMV card insertion
Device Compatibility	Windows
<b>General</b>	
Connection Method	USB or Ethernet RJ25 modular jack
Wireless (Frequency 2.4 MHz)	NA
Interface	USB 2.01 (USB 1.1 compatible) or Ethernet
Display	320x240 pixels Backlit; color liquid crystal display (LCD) TFT color
Secure PIN Pad	16 Keys (3 Function Keys), raised marking, ADA compliant
Optional Accessories	Privacy shield (NFC/contactless & power adapter)
Web services	Magensa Services
<b>Electrical</b>	
Charging	NA
Battery	Lithium
Current and Power	USB port powered, 5VDC, 250mA Power adapter required for contactless and Ethernet options: 5VDC, 900mA
<b>Security and Certifications</b>	
Compliance (FCC, CE, UL)	YES & PCI PTS 3.x & EMV Co 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	Yes
Tamper	Evident/Resistant/Responsive
<b>Mechanical</b>	
Dimensions L x W x H or L x W x D	8.8 x 3.3 x 2.4in (223.5 x 99.1 x 61.0 mm)
Weight	16 oz. (453.59 g)
Mount/Stabilizer	2 mounting points. Require #4-40 screws. Thread > 0.15". Torque is 4.75 in lbs ± 20%.
<b>Environmental</b>	
Operating temp	32°F to 113°F (-10°C to 45°C)
Operating humidity non-condensing	10% to 90%
Storage temp	14°F to 140°F (0°C to 60°C)
Storage humidity non-condensing	10% to 90%