



DynaPro and DynaPro v3 (for NFC International)
PIN Entry Device with SCRA, EMV contact / contactless, and optional contactless NFC, signature capture, and privacy shield



DynaPro family for POS

Secure Cryptographic Device for PIN, Magstripe and EMV

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

DynaPro and DynaPro v3 are sleek, multifunction point of transaction and POS PIN Entry Devices with encrypting keypad, a MagneSafe® secure card reader authenticator (SCRA), EMV contact/contactless smart card reader and optional NFC (contactless) capabilities (for International use select DynaPro v3). DynaPros provide all of this functionality within a slim, stylish, and rugged payment secure cryptographic device (SCD) that can be hand-held or fix mounted.

DynaPro and DynaPro v3 allow merchants to use one device for a variety of card technologies, with encryption of cardholder payment data, exceeding PCI DSS security requirements. Start using DynaPro, an EMV-equipped payment terminal to future-proof your payment solution.

Enhanced Experience - Maximum Acceptance

DynaPro and DynaPro v3'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. Standard technologies include secure card reader authenticator (SCRA), EMV chip reader, secure PIN pad, color display, programmable function buttons, and a USB 2.0 interface. Optional features include: NFC contactless card reader (select DYnaPro v3 for International use), signature capture, privacy shield, and Ethernet interface.



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



DynaPro and DynaPro v3 accepts most payment methods, including traditional PIN debit, EMV Chip and PIN, or EMV Chip and Signature.

Exceeds Security Standards.

DynaPro and DynaPro v3 provide the highest levels of physical and logical security, are PCI PTS 3.x SRED compliant, and combine the industry's best practices and standards for encryption (3DES), key management (DUKPT), and data protection. Protecting consumer transaction data by encrypting all PIN, magstripe, smartcard, contactless, and manually keyed data as soon as it is entered into the device.

MagnePrint® card authentication can be enabled and 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 and Dynapro v3 are the only EMV solutions in the market today which are *drop-in replacements 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 which allow for fast development and easy integration.

Flexible and Easy to Maintain.

DynaPro and DynaPro v3 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.

Specifications	DynaPro and DynaPro v3
Payment methods	
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 (For International use select DynaPro v3)
Signature Capture	Optional YES with Stylus
Reliability and Operation	
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
General	
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
Electrical	
Charging	NA
Battery	Lithium
Current and Power	USB port powered. 5VDC, 250mA Power adapter required for contactless and Ethernet options: 5VDC, 900mA
Security and Certifications	
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
Mechanical	
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%.
Environmental	
Operating and storage temp	14°F to 140 °F (-10 °C to 60 °C)
Operating and storage humidity non-condensing	10% to 90%