



DynaPro Mini

Secure cryptographic device with PIN entry, secure card reader authenticator and EMV chip



DynaPro Mini for POS

Secure Cryptographic Device for PIN, Magstripe and EMV

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

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.

Exceeds Security Standards

The DynaPro Mini meets and exceeds PCI PTS 3.x, SRED security requirements, includes the MagTek MagneSafe™ Security Architecture, is a SCD and includes EMV Smart Card technology.



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



DynaPro Mini combines 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.

The MagneSafe Security Architecture is a layered approach to transaction security that combines encryption, tokenization, authentication and dynamic data to protect card data at the moment the card is swiped. It is an open platform, ensuring merchants can easily migrate across various service providers, gateways, processors, and domains as needed.

DynaPro Mini 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. 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 its onboard micro USB port or its optional wireless 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.

Peace of Mind

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 Mini
Choose the best fit for your needs	
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, Type B) C-1/ C-6/C-7	NA
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®	NA
Signature Capture	NA
Reliability and Operation	
MSR / SCRA swipes	1 Million
EMV insertions	500K
Operating System	Windows
CPU and memory	32-bit secure processor 256 MBit flash memory
Status indicators	NA
Device Compatibility	Windows
General	
Connection Method	Micro USB Certain standard wireless
Wireless (Frequency 2.4 MHz)	Certain standard wireless
Interface	Compatible with USB 1.1 & USB 2.0 Certain standard wireless
Display	128 x 32 pixels 4 lines up to 21 characters Dot matrix LCD screen
Secure PIN Pad	Rubber dome switches: 15 digits including 3 function keys, up/down arrows, ADA compliant
Optional Accessories	NA
Web services	Magensa Services
Electrical	
Charging	Micro-USB
Battery	1000 mAh nominal capacity Lithium ion polymer rechargeable
Current and Power	USB Port Powered via Micro-USB jack 5VDC, 500 mA when connected to computer USB port
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	3.82 x 2.46 x 1.05 in (97.0 x 62.5 x 26.6 mm)
Weight	10.9 oz. (309 g)
Mount/Stabilizer	NA
Environmental	
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%