

**MAGTEK**<sup>®</sup>  
SECURITY FROM THE INSIDE



## DynaPro Go

### Handheld Secure PIN Entry Device

MagTek's DynaPro Go is a handheld PIN entry device that is ideal for credit, 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 DynaPro Go.



### Enhanced User Experience

DynaPro Go 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, and reduced overall risk of fraud, while limiting the scope of PCI.



### DynaPro Go

Handheld mobile secure card reader authenticator a variety of payment types including manual entry with connection, Bluetooth LE, 802.11 wireless connection.

### Exceeds Security Standards

DynaPro Go is a Secure Cryptographic Device that meets and exceeds PCI PTS 4.x, SRED security requirements, and includes the MagTek MagneSafe Security Architecture (MSA), EMV\* chip card technology, and NFC capability. The enclosure and associated electronics form a Tamper Resistant Security Module (TRSM) where attempts to penetrate or modify the unit cause all keys to be cleared and/or stop the unit from functioning. Device provides auditory, tactile, and visual reference for ease-of-use.



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



## Ease of Integration

DynaPro Go 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 on a variety of environment platforms for fast development and easy integration.

DynaPro Go can interface through standard micro-USB cabling to recharge the battery and to perform synchronization with compliant hosts. It can connect via USB, Bluetooth LE, or 802.11 wireless connection, giving you the mobility you need. The display module is a back-lit display and the keypad has well-contoured keys with tactile feedback for convenient entry of PINs or other data.

## 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. This allows the upgrade of keys or device security settings throughout the life of the device in the field.

## Peace of Mind

DynaPro Go delivers industry best practices for data protection, using triple DES encryption (TDEA/3DES) and derived unique key per transaction (DUKPT) key management. PIN, magnetic stripe, \*EMV chip card (contact/contactless), NFC, and manually keyed data are encrypted as soon as they are entered into the device. Using proven and tested industry standards gives merchants, processors, issuers, and acquirers the flexibility to outsource or manage decryption services themselves, avoiding the risk imposed by unproven, proprietary encryption algorithms.

When used with Magensa Solutions and the MagneSafe Security Architecture, the device delivers a layered approach to transaction security that combines encryption, tokenization, authentication, and dynamic data to protect card data. The MagnePrint® card authentication service 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. The card reader is capable of reading any ISO or AAMVA encoded magnetic stripe data, and includes a contact chip card (ICC) reader on the front of the device under the keypad and a contactless reader behind the LCD display.

## Specifications

Payment methods	
<b>Magstripe SCRA</b> Triple Track (TK1/2/3); Bidirectional read ISO 7810, 7811; AAMVA driver licenses 10 inches per second to 50 inches per second	Yes
<b>*EMV chip contact</b> EMVCo L1 and L2	Expiring 8/2021
<b>*EMV contactless</b> EMVCo L1 and L2, EMV Level 1 /C-2/C-3/C-4/C-5 ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	Legacy L3 after 3/2021
<b>*NFC contactless / mobile wallets</b> ISO/IEC 18092, ISO/IEC 14443   (Type A, Type B) C-1/ C-6/C-7 D-PAS®, PayPass™, payWave®, ExpressPay®, Apple Pay®	Legacy L3 after 3/2021
<b>Signature Capture</b>	with dry finger tips
Reliability and Operation	
<b>MSR / SCRA swipes</b>	1 Million
<b>EMV insertions</b>	500K
<b>Memory</b>	256 MBit flash memory
<b>Status indicators</b>	NA
<b>Tested Operating System compatibility</b>	USB Hosts: Windows 7, Windows 8 and 8.1, Windows 10, Android 4.4.2 and above with USB OTG support 802.11 wireless TLS 1.2 hosts: iOS 7.1 and above, Android 6.0 and above, Windows 7 SP1 and above Bluetooth LE hosts: iOS 7.1 and above, Android 5.0 and above, Windows 8.1 and above on hosts that support Bluetooth LE Secure Connections per Bluetooth Core Specification 4.2.
General	
<b>Data Connections</b>	Micro-USB, implements USB 1.1 and USB 2.0 TCP/IP over 802.11 wireless (select models) Bluetooth LE Secure Connections with Numeric Comparison (select models). See technical manual for more details
<b>Display</b>	320x240 pixels. BackLit QVGA TFT LCD; 16-bit color depth; Adaptable brightness based on ambient lighting or preset. Pre-programmed static and animated messages.
<b>Secure PIN Pad</b>	Backlit full-travel membrane pad providing tactile feedback; 10 digits, 3 data entry keys, 3 multi-purpose function keys, the '5' key is marked with a dimple and each provides tactile feedback
<b>Web services</b>	Magensa Services
Electrical	
<b>Charging</b>	Micro-USB direct or through charging cradle. Customer must supply own standard power source via USB or wall adapter.
<b>Battery</b>	1700 mAh nominal (rated) Lithium polymer rechargeable for main power; Lithium coin cell for backup.
<b>Voltage Requirement</b>	5VDC when sourced from Micro-USB, charging cradle, or wall adapter
Security and Certifications*	
ISO 7810 and ISO 7811, AAMVA   TDEA (3DES)-CBC using DUKPT   PCI PTS v4.x   EMV ICC Specifications for Payment Systems Version 4.3   EMV Contactless Level 1 Book D v2.6   MCL v3.1.1 (formerly PayPass)   payWave v2.2   Expresspay v3.1   D-PAS Terminal Payment Application v1.0   D-PAS Terminal Application Specification Bulletin CL TAS-001 v1.1   FCC Title 47 Part 15 Subclass C EMC   UR/CUR UL Recognized   CE   AS/NZS 4268:2017   MasterCard TQM   RoHS Compliant / California Proposition 65   WEEE (EU)   IEEE 802.11 b/g/n, IEEE 802.11n-2004   WPA2-PSK, TKIP, AES, SHA-256   TCP/IP secured by Transport Layer Security (TLS) Protocol v1.2   Bluetooth Core Specification 4.2   USB 1.1, USB 2.0	
3DES encryption; DUKPT; MagneSafe Security Architecture; Unique, non-changeable device serial no.	
<b>Tamper</b>	Evident/Resistant/Responsive
Mechanical	
<b>Dimensions L x W x H or L x W x D</b>	6.1 x 2.8 x 1.0 in. (155 x 71 x 25.4 mm)
<b>Weight</b>	802.11 wireless model: 8.84 oz. (250.5g) Bluetooth LE model: 8.73 oz. (247.5g)
<b>Mount/Stabilizer</b>	Optional charging cradle
Environmental	
<b>Operating and storage temp</b>	32°F to 113°F (0°C to 45°C)
<b>Operating humidity non-condensing</b>	10% to 90%