



DynaPro Go

*NFC, EMV chip and magstripe with
USB and 802.11 wireless connection.*



Secure PIN Entry Device



Customer Select PIN



PIN Change



Customer ID & Verification
(Supports Online and Offline PIN)



Card Activation



Call a representative to learn more: +44 (0)1793 780773



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 environments platforms for fast development and easy integration.

DynaPro Go can recharge using the charging station and communicate with compliant hosts via USB or connect via TCP/IP over 802.11 wireless.

The display module is a backlit display and the keypad has well-contoured keys with tactile feedback for convenient entry of PINs or other data.

Exceeds Security Standards



DynaPro Go is a Secure Cryptographic Device that meets and exceed 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.

Peace of Mind



DynaPro Go delivers industry best practices for data protection, using triple DES encryption (TDEA/3DES) and DUKPT (derived unique key per transaction) key management. PIN, magnetic stripe, 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, tokenisation, 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

Reading	
Magnetic Reader	Triple Track (TK1/2/3); Bidirectional read ISO 7810, 7811; AAMVA driver licenses
EMV Chip Reader	EMV compliant chip cards; ISO 7816
Contactless Reader	ISO/IEC 18092, ISO/IEC 14443 (Type A&B). Located behind the display for "tap the screen" function for PayPass, PayWave, ExpressPay, D-PAS, Apple Pay
Reliability and Operation	
MSR	1,000,000 swipes
EMV	500,000 inserts
Connection	USB and WiFi
Components	
Backlit Keypad	Full-travel membrane keypad providing tactile feedback; 10 digits, 2 data entry keys, 3 multi-purpose function keys; ADA compliant
Back lit Display	QVGA TFT LCD 320x240 pixels 1.97 in. (49.96mm) x 1.48 in. (37.72mm) Adaptable brightness based on ambient lighting or pre-set. Pre-programmed static and animated messages.
Electrical	
Charging	Micro-USB charger
Voltage	USB port powered. Requires: 5VDC
Battery	Lithium ion Polymer rechargeable battery
Security and Certifications	
PCI Certification	"DynaPro Go" is certified as DynaPED PCI PTS 4.x (pending) Compliant for use in PCI-DSS and PCI P2PE environments
EMV	Meets EMV Level 1 and 2 requirements (Optional EMV L2 for offline PIN authentication)
Encryption	3DES (TDEA) encryption protects PIN, card data, and manually keyed data; DUKPT key management
Added security	MagnePrint® Card Authentication detects fraudulent magstripe cards; unique nonchangeable device serial number
Mechanical	
Dimensions	L 155 mm (6.1 in.) W 71 mm (2.8 in.) H 25.4 mm (1.0 in.)
Weight	251g (8.85 oz.)
Environmental	
Operating temp	0C to 45C° (32°F to 113°F)
Operating humidity	10% to 90% non-condensing
Storage temp	-10C° to 60C°(14°F to 140 °F)
Storage humidity	up to 80% non-condensing

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.