



Some features and functions may be documented, but not available with the current release of the product. Please contact your MagTek representative for questions about specific features and functions and when they are scheduled to become available.



DynaFlex Pro

Features subject to change without notice.

Screen is simulation and does not represent actual screen resolution.

Acceptance Methods

- Magstripe cards
- EMV chip cards
- EMV contactless cards
- NFC capable devices
- 1D/2D barcodes

Security

- PCI PTS 6.x, (SRED)
- MagneSafe® Security Architecture
- Triple DEA encryption/DUKPT key management
- MagnePrint® card authentication
- Ready for PCI-P2PE Solutions

DynaFlex Pro

Secure Card Reader Authenticator / PED

DynaFlex Pro is ready to work with your teller and platform applications for PIN selection, *Know Your Customer ID* verification, or as a peripheral component to your Merchant Services payment application.

DynaFlex Pro has a touchscreen display for secure PIN entry, is PCI PTS 6.x compliant, and reads magnetic stripe cards, EMV chip cards (contact and contactless), and NFC enabled mobile wallets including Samsung PaySM, Google PayTM, and Apple Pay[®]. Optionally, DynaFlex Pro includes a barcode imaging camera that reads a variety of 2D and 1D barcodes, including QR Codes, Linear Barcodes, UPC-A, UPC-E, Code 128, PDF417, etc. Deliver an affordable solution for financial institutions that need functionality, security, and flexibility in a small form-factor.

Stable and Secure Performance

DynaFlex Pro is available as a countertop device designed for accessibility and a comfortable viewing angle or with a flat back for alternative mounting options (DynaFlex Pro Kiosk). DynaFlex Pro countertop models have micro suction feet assuring the cardholder a stable swipe, insert, or tap experience. The intuitive positioning of all three reading locations, being visible from the front face of the device, allows for a small footprint on the teller counter or platform desk.



Compatibility

DynaFlex Pro is compatible with Android and Windows operating systems over USB and future enhancements will support 802.11 wireless.

The Power of Flexibility

DynaFlex Pro provides financial institutions the opportunity to offer PIN functions including PIN selection, PIN verification, branch branding with custom bitmap images, and QR Code display. The device is made for easy integration into holsters and cases for customized solutions. DynaFlex Products are made from a ruggedized plastic with a matching black lens on the face. Custom colors and silk-screened logos are available with a minimum purchase order quantity.

MagneSafe Security Architecture

DynaFlex Pro devices adhere to MagTek's MagneSafe Security Architecture. This is based on dynamic encryption, authentication, and tokenization, which protects cardholder data from the moment of swipe, insert, or tap. DynaFlex Pro devices are PCI-SRED compliant, making them ideal for P2PE solutions.

Magensa Data Management Services

DynaFlex Pro products are made to work with Magensa Data Management Services. *Magensa Transaction Security* solutions deliver encryption, device verification, and authentication; *Magensa Gateway* solutions provide a secure rail to send and tokenize data onto processors, cores, acquirers, and anywhere else you need sensitive data sent; and *Magensa royalty free developer and support tools* are readily available on magtek.com to give you the SDKs and APIs you need to build the best application.

Magensa Remote Services enable field modifications of MagTek products. This service capability provides organizations, especially with large and diverse deployments, with operational efficiency and technology obsolescence protection. Magensa Remote Services allow users to update firmware, change configuration settings, and load keys. These capabilities are ready to be integrated into developer applications or initiated via the Magensa User Interface.

Specifications

Acceptance Methods	
Magstripe Secure Card Reader Authenticator Triple Track (TK1/2/3); Bidirectional read; ISO 7811	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; ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	YES
NFC Contactless / Mobile Wallets ISO/IEC 18092, ISO/IEC 14443 (Type A/B), FeliCa, RFID Including: Apple Pay, D-PAS, Expresspay, Google Pay, MCL, PayWave, Samsung Pay	YES
Barcode 2D and 1D barcodes, including QR Code, PayPal/Venmo, Linear Barcodes, UPC-A, UPC-E, Code 128, PDF417, etc.	YES
General	
MSR / SCRA swipes	1 Million
EMV Insertions	500K
PIN on Glass	YES
Compatible Operating Systems	USB Hosts: Windows 10, Android 4.4.2 and above
CPU	K81
Touchscreen Display	2.27in. (57.60mm) X 1.70 in. (43.20mm) 320x240 (RGB) Dots
Status Indicators	4 LED, auditory beep
Connections/Interface	USB-C (USB HID 2.0)
Magensa Web Services	YES
Electrical	
Charging, Current, and Power	USB Power through USB.
Security and Certifications	
Compliance (FCC, CE, UL)	YES
PCI, SRED	PCI PTS 6.x POI
MagneSafe Security Architecture	YES
Encryption	TDEA/DUKPT AES 128/DUKPT
Mechanical	
Dimensions L x W x H or L x W x D	4.0 in. (102mm) x 3.5in. (89mm) x 1.9in. (48mm) *Barcode model dimensions TBD
Mount/Stabilizer	Micro-suction feet
Environmental	
Storage temp	14°F to 140°F (-10°C to 60°C)
Operating temp	32°F to 113°F (0°C to 45°C)
Operating & Storage humidity non-condensing	10% to 90%