DynaFlex Pro and DynaFlex Key Features

Features subject to change without notice.
Screen is simulation and does not represent actual screen resolution.

Payment Methods
Secure card reader authenticator for:

- Magstripe cards
- EMV chip cards
- EMV contactless cards
- NFC capable devices

Security

- MagneSafe® Security Architecture
- Triple DEA encryption/DUKPT key management
- AES 128 encryption/DUKPT key management
- MagnePrint® card authentication
- Device/host authentication
- PCI-Secure Reading and Exchange of Data (SRED)
- Ready for PCI-P2PE Solutions

DynaFlex Family
## Secure Card Reader Authenticator

DynaFlex and DynaFlex Pro are ready to launch your payment environment to the next level. All DynaFlex products offer an integrated secure card reader authenticator for magnetic stripe cards, EMV chip cards (contact and contactless), and NFC enabled mobile wallets including Samsung Pay℠, Google Pay™, and Apple Pay®. DynaFlex Pro devices additionally offer a color touchscreen display for added convenience. DynaFlex devices deliver a smart solution for companies that need the most flexibility in the smallest form factor at a great price.

Stable and Secure Performance

DynaFlex devices offer options with micro suction fitted feet, mounting holes, and configurable brackets, assuring the cardholder a stable swipe, insert, or tap experience. The three reading locations are all visible to the cardholder on the face of the device. This intuitive positioning of the slots also ensures that "bugs," skimmers, or shimmers cannot be placed inside the device.

Compatible with a Variety of Connections

DynaFlex and DynaFlex Pro are compatible with Android and Windows operating systems. DynaFlex devices offer flexibility and allow USB or USB and Bluetooth LE connections. DynaFlex Pro touchscreen devices offer USB, USB and Bluetooth LE, USB and 802.11 wireless, or USB and Ethernet connections.
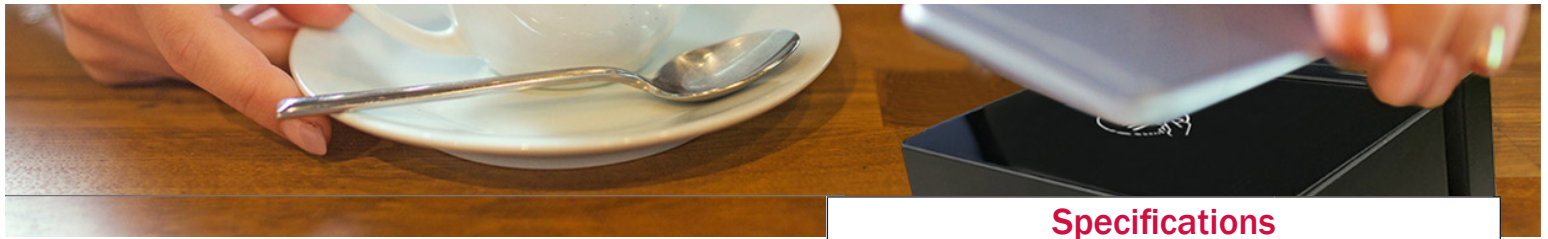
The Power of Flexibility

DynaFlex devices are ready for countertop, mounted, or handheld solutions. Ready for traditional brick-and-mortar points of sale, mounted to a touchscreen, or brought to the table with wireless models. DynaFlex Pro, with touchscreen, can present your logo, custom messaging, and depicts on-screen instructions for insert, tap, or swipe operations. The device is made for easy integration into holsters or cases for a custom solution. DynaFlex products are made from molded rubberized black plastic with matching black lens on the face. Custom colors and silk-screened logos are available with a minimum order size.

Mounted Countertop Applications

Flexible Countertop Applications

Handheld Applications

MagneSafe Security Architecture

DynaFlex 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 devices are PCI-SRED compliant, making them ideal for P2PE solutions.

Magensa Web Services

Couple DynaFlex products with Magensa Services to make your certification cycle easier and remove unencrypted data from your environment. A service representative will work with you to determine if Magensa Decrypt, Magensa Decrypt and Forward, or the Magensa Payment Protection Gateway is best for you. As always, MagTek's developer tools including our royalty free software developer kits with APIs are readily available 365/24/7 on our web site. For faster development, you can use our MagneFlex browser and middleware. The data is unpacked, parsed, and sent to its destination faster and easier.

Specifications

Payment 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) Including: Apple Pay, D-PAS, Expresspay, Google Pay, MCL, PayWave, Samsung Pay	YES
NFC contactless / mobile wallets ISO/IEC 18092, ISO/IEC 14443 (Type A/B), FeliCa, RFID	YES

ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	
MSR / SCRA swipes	1 Million
EMV insertions	500K
Compatible Operating Systems	USB Hosts: Windows 10, Android 4.4.2 and above
CPU	K81
Touchscreen display (DynaFlex Pro models only)	2.27in. (57.60mm) X 1.70 in. (43.20mm) 320x240 (RGB) Dots
Status indicators	4 LED, auditory beep

General	
Connections/Interfaces	USB-C (USB HID 2.0) 802.11 Wireless (b/g/n) Bluetooth LE (5.0) Ethernet
Magensa Web services	YES

Electrical	
Charging	USB and Optional Charging Cradle
Rechargeable Battery for Bluetooth LE and 802.11 wireless operations	Li-Po
Current and Power	Power through USB. Battery models required for handheld use.

Security and Certifications	
Compliance (FCC, CE, UL)	YES
PCI, SRED	PCI PTS POI v5.1 SCR
MagneSafe Security Architecture	YES
Encryption	TDEA/DUKPT AES 128/DUKPT
Tamper	Responsive

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)
Mount/Stabilizer	Micro-suction feet, or optional mounting bracket

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%