



DynaFlex Family

DynaFlex Pro BCR shown here, DynaFlex Pro shown above. 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
- 1D/2D barcodes
- Manual Entry

Security

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

DynaFlex I Family

DynaFlex Countertop Models

Secure Card Reader Authenticator

DynaFlex products are ready to launch your payment environment to the next level. DynaFlex products deliver a wide variety of payment acceptance in a small form-factor. 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 products designated as “Pro” include a responsive touchscreen with support for Manual Entry and Signature Capture. DynaFlex products designated as “BCR” read QR Codes and other 1D and 2D barcodes. DynaFlex devices deliver a smart solution for merchants that need the most flexibility, in the smallest form factor, at a great price.

Stable and Secure Performance

DynaFlex countertop devices come with micro suction fitted feet, assuring the cardholder a stable scan, swipe, insert, or tap experience. Depending on the model, the three or four reading locations are all visible to the cardholder on the face of the device; this intuitive positioning of the slots ensures that “bugs,” skimmers, or shimmers cannot be hidden easily inside the device.

Compatible with a Variety of Operating Systems

DynaFlex products are compatible with Android and Windows operating systems via USB connection.

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

CALL - 562.546.6400 | EMAIL - retail.solutions@magtek.com



present your logo, custom messaging, and on-screen instructions for scan, swipe, manual entry, insert, or tap operations. DynaFlex BCR reads 1D and 2D barcodes for faster transactions and QR Code acceptance. DynaFlex products are made from molded rubberized black plastic and matching black lens on the face.

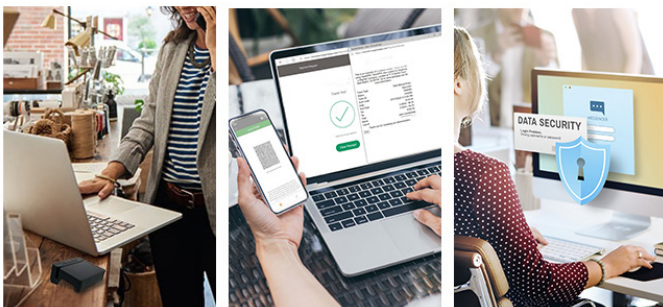
MagneSafe Security Architecture

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 scan, swipe, manual entry, 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 on our web site. For faster development, use MagneFlex Prism, a suite of interface developer tools that reduce the points of development, for browser and middleware software applications. Instead of using SDKs, APIs, and applets to build an interface to the hardware device, another to interface to the POS application, and another to the gateway, build the interface to MagneFlex. MagneFlex then drives the hardware, interfaces with the POS app, and issues the commands to pack, parse, and send the data out for processing.



Specifications

SUBJECT TO CHANGE WITHOUT NOTICE.

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 Contactless Reader; D-PAS, PayPass/ MCL, payWave, Expresspay; Mobile wallets including but not limited to Google Play™, Samsung PaySM, Apple Pay®	YES
NFC contactless / mobile wallets ISO/IEC 18092, ISO/IEC 14443 (Type A/B); D-PAS, PayPass/ MCL, payWave, Expresspay; Mobile wallets including but not limited to Google Play™, Samsung PaySM, Apple Pay®	YES
Barcode / BCR models only QR Code (color encoded, logo-based), Linear Barcodes, UPC-A, UPC-E, Aztec, EAN-13, Code 39, Code 128, PDF417/ Data Matrix, etc.	BCR models only
Reliability and Operation	
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 - Pro models only	2.27x1.70 in.(57.60x43.20mm) 320x240 (RGB) Dots
Status indicators	4 LED, auditory beep
General	
Connections/Interfaces	USB-C (USB HID 2.0)
Magensa Web services	Gateway, Remote, Token
Electrical	
Charging	NA
Rechargeable Battery for Bluetooth LE and WLAN operations	NA
Current and Power	Power through USB.
Security and Certifications	
Compliance (FCC, CE, UL, UKCA)	YES
PCI, SRED	PCI PTS POI v5.1 SCR
MagneSafe Security Architecture	Encryption, Tokenization, Authentication, Dynamic Data
Encryption	TDEA/DUKPT
Tamper	Responsive
Mechanical	
Dimensions W x L x H	DynaFlex and DynaFlex Pro: 4.0x3.5x 1.9 in. (101.6x88.9x48.3mm) DynaFlex Kiosk/DynaFlex Pro Kiosk: 4.1x3.5x1.9 in. (103.3x 90.0x48.3mm)
Mount/Stabilizer	Micro suction feet Lanyard mount point
Environmental	
Temperature Operating Storage	32°F to 113°F (0°C to 45°C) 14°F to 140°F (-10°C to 60°C)
Humidity (non-condensing) Operating Storage	10% to 90%