



**DynaFlex Family - Front**

*DynaFlex Kiosk Pro BCR shown here. Secure card reader authenticator for magstripe, EMV, NFC, touchscreen, with barcode reader. Screen is simulation and does not represent actual screen resolution.*

## Product Features

### 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 Kiosk Family

### DynaFlex Kiosk Models

### Secure Card Reader Authenticator

### Built for Self-Service Designers

If you are a developer designing a self-service, unattended payment kiosk, and looking for an SRED device, the DynaFlex Family is the perfect solution. 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<sup>SM</sup>, Google Pay<sup>TM</sup>, and Apple Pay<sup>®</sup>. DynaFlex Kiosk, DynaFlex Kiosk Pro, and DynaFlex Kiosk Pro BCR are built for easier integration into OEM solutions with a flat angled back. DynaFlex Kiosk products designated as "Pro" include a responsive touchscreen with support for Manual Entry and Signature Capture. DynaFlex Kiosk products designated as "BCR" read QR Codes and other 1D and 2D barcodes. These highly versatile devices work with Android and Windows operating systems.

DynaFlex Kiosk delivers a simple to connect solution with a front contactless tap. DynaFlex Pro Kiosk delivers these solutions and additionally has a touchscreen that allows to communicate messaging, accepting signature capture, and display commands. DynaFlex Pro Kiosk BCR adds to this, with a barcoder reader with a 1D/2D camera for barcodes. DynaFlex Kiosk products have a smooth magnetic stripe swipe path, durable EMV chip contact insertion slot, accurate barcode scanner (BCR models), responsive touchscreen (Pro models), and fast EMV/NFC contactless tap pad.

### Ready for Web and Gateway Services

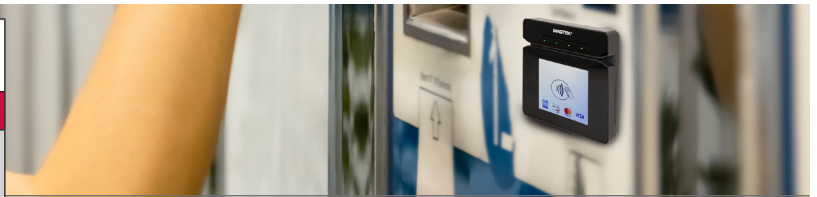
Couple DynaFlex Kiosk Products with Magensa Services to make your certification cycle easier and remove unencrypted data from your environment. A service representative

**CALL - 562.546.6400 | EMAIL - [oem.solutions@magtek.com](mailto:oem.solutions@magtek.com)**

# Specifications

SUBJECT TO CHANGE WITHOUT NOTICE.

Payment methods	
<b>Magstripe secure card reader authenticator</b> Triple track (TK1/2/3); bidirectional read ISO 7810, 7811; AAMVA driver licenses	YES 6 ips to 60 ips
<b>EMV chip contact</b> EMVCo L1 and L2 ISO/IEC 7816	YES
<b>EMV contactless</b> EMVCo L1 and L2 Contactless Reader; D-PAS, PayPass/MCL, payWave, Expresspay; Mobile wallets including but not limited to Google Play™, Samsung Pay™, Apple Pay®	YES
<b>NFC contactless / mobile wallets</b> 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 Pay™, Apple Pay®	YES
<b>Barcode / BCR models only</b> 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	
<b>MSR / SCRA swipes</b>	1 Million
<b>EMV insertions</b>	500K
<b>Compatible Operating Systems</b>	USB Hosts: Windows 10, Android 4.4.2 and above
<b>CPU</b>	K81
<b>Touchscreen display - Pro models only</b>	2.27x1.70 in.(57.60x43.20mm) 320x240 (RGB) Dots
<b>Status indicators</b>	4 LED, auditory beep
General	
<b>Connections/Interfaces</b>	USB-C (USB HID 2.0)
<b>Magensa Web services</b>	YES
Electrical	
<b>Charging</b>	NA
<b>Rechargeable Battery</b> for Bluetooth LE and WLAN operations	NA
<b>Current and Power</b>	Power through USB.
Security and Certifications	
<b>Compliance (FCC, CE, UL, UKCA)</b>	YES
<b>PCI, SRED</b>	PCI PTS POI v5.1 SCR
<b>MagneSafe Security Architecture</b>	Encryption, Tokenization, Authentication, Dynamic Data
<b>Encryption</b>	TDEA/DUKPT
<b>Tamper</b>	Responsive
Mechanical	
<b>Dimensions</b> W x L x H	<b>DynaFlex and DynaFlex Pro:</b> 4.0x3.5x 1.9 in. (101.6x88.9x48.3mm) <b>DynaFlex Kiosk/DynaFlex Pro Kiosk:</b> 4.1x3.5x1.9 in. (103.3x 90.0x48.3mm)
<b>Mount/Stabilizer</b>	4 threaded mounting holes
Environmental	
<b>Temperature</b> Operating Storage	32°F to 113°F (0°C to 45°C) 14°F to 140°F (-10°C to 60°C)
<b>Humidity (non-condensing)</b> Operating Storage	10% to 90%



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 and 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

## Security Built In

MagTek secure card reader authenticators (SCRAs) use the MagneSafe Security Architecture (MSA). The MSA has evolved exponentially from its inception in 2006 when it delivered the industry's first SCRAs for secure electronic transactions. MSA is a digital identification and authentication architecture that safeguards personal data. Designed to exceed PCI regulations, MSA leverages strong encryption, secure tokenization, counterfeit detection, tamper recognition, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components.



**DynaFlex Family - Front**  
DynaFlex Kiosk shown here.

Secure card reader authenticator for magstripe, EMV, and NFC.



**DynaFlex Family - Bottom**  
DynaFlex Kiosk shown here.

Secure card reader authenticator for magstripe, EMV, NFC.



Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, barcodes, checks, PINs and identification documents. Leading with innovation and engineering excellence, MagTek is known for quality and dependability. Its products include secure card reader/authenticators, Quantum secure cards, token generators, EMV contact, contactless, barcode and NFC reading devices, encrypting check scanners, PIN pads and distributed credential personalization systems for secure magstripe and EMV enabled cards. These products are used worldwide by financial institutions, retailers, payment processors, and ISVs to provide secure and efficient data privacy, as well as payment and identification transactions. Today, MagTek continues to innovate. Its MagneSafe® Security Architecture leverages strong encryption, secure tokenization, dynamic card authentication, and device/host validation enabling users to assess the trustworthiness of credentials and terminals used for online identification, payment processing, and high-value electronic transactions. MagTek is headquartered in Seal Beach, CA. For more information, please visit [www.magtek.com](http://www.magtek.com).