

DynaFlex II Go

Secure Card Reader Authenticator

DynaFlex II Go is a secure card reader authenticator in a small form factor that is ready to accept tap, swipe, and dip payments in a wide variety of retail environments. The small form factor is ready for countertop and mobile devices with USB or Bluetooth® LE connection. Start accepting mobile wallets including Samsung® Pay, Google® Pay and Apple® Pay via NFC Contactless or accept card payments via EMV® Contactless, EMV Contact Chip, and magnetic stripe.

READ METHODS

- NFC Contactless
- EMV Contactless Card
- EMV Contact Card
- Magnetic Stripe
- Barcode Reading (BCR)

CONNECTION

- Bluetooth LE
- USB

OPERATING SYSTEMS

- Android
- Windows
- iOS
- Linux



The Power of Flexibility

DynaFlex II Go delivers a smart solution for companies that need flexibility.

- DynaFlex II Go BCR products additionally read 1D and 2D barcodes for faster transactions and have QR Code acceptance.
- Ready for mobile handsets, tablets, and desktop computers.

Best Practice in Security

DynaFlex II Go products meet and exceed PCI 6.x SCR security requirements and include the MagTek MagneSafe® Security Architecture.

- 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.
- Data is encrypted as soon as it enters the device using AES 128/256 encryption or TDEA encryption, both with DUKPT key management.
- Using proven and tested industry standards gives merchants the flexibility to outsource or manage decryption services themselves.

Ready for PCI P2PE integration into validated solutions.

Ease of Integration

We are your partners in development and provide a comprehensive platform of drivers, APIs, and software development kits (SDKs). The SDKs include tools, documentation, and sample code for developing applications on Windows, iOS, and Android operating systems.

To get started contact:
sales@magtekeurope.com

Mobile and Countertop

DynaFlex II Go offers accessories to best meet your operational needs:

- The sleek desktop cradle makes charging easy and provides a convenient way to keep the device powered and easily accessible in a fixed location.
- Use OtterBox uniVERSE adaptor to easily slide in and connect to a wide variety of mobile devices.



Magensa Web Services

DynaFlex II Go products are ready for use with Magensa L3 certified Services, providing Data Protection, Gateway Services, applications, and remote services.

- TR-31 and PCI PIN Compliant Remote Key Injection
- Update Firmware, Certificate Authority Public Keys (CAPKs), and EMV Terminal and Application Settings
- Update a Variety of Device Configurations
- Mutual Authentication
- Session IDs for Time Stamp Capabilities
- Digital Signatures for Verification
- Redirection Blocking

Remote services include key injection and device configuration and are compliant with PCI P2PE environments. This eliminates the need for merchants to manage sensitive information such as encryption keys or device configuration settings, allowing the upgrade of keys or device security settings throughout the life of the device.

Specifications

Specifications	
Payment methods	
Magstripe Secure Card Reader Authenticator	ISO 7810, 7811; AAMVA driver licenses Bi-Directional, 6 ips to 60 ips
EMV Contact Chip	EMVCo L1 and L2 ISO/IEC 7816
EMV Contact Chip, EMVCo L1 and L2	D-PAS, PayPass/MCL, payWave, ExpressPay; Google Pay™, Apple Pay®
NFC Contactless / Mobile Wallets. ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	D-PAS, PayPass/MCL, payWave, Expresspay; Google Play, Samsung Pay, Apple Pay
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.
Reliability and Operation	
Magnetic Read Head Life	1 million
ICC Read Head Life	500,000 insertions
Compatible Operating Systems	Windows 10, Android 4.4.2 and above
Status indicators	4 LEDs, auditory beep
General	
Connections/Interfaces	USB-C; Bluetooth® LE
Magensa Web services	L3 Certified Gateway, Remote Services, Tokenization, Encryption, Authentication
Electrical	
Rechargeable Battery for Bluetooth LE	Lithium-Ion Polymer (LiPo)
Current and Power	USB powered via USB-C receptacle
Security and Certifications	
Compliance	PCI PTS v6.x SCR, FCC, CE, UL, Canada ISED, AS/NZS, RoHS, EU
MagneSafe Security Architecture	MagTek V5 with Encryption, Tokenization, Authentication, Dynamic Data
Encryption	AES 128/256 DUKPT with CMAC authentication TDEA/DUKPT
Tamper	Responsive
Mechanical	
Dimensions W x L x H	2.76 in. x 2.57 in. x .79 in. (70.10mm x 65.3mm x 20.1 mm)
Weight	DynaFlex II Go = 3.17 oz. (90g) DynaFlex II Go BCR = 3.24 oz. (92g)
Mount/Stabilizer - additional accessories	OtterBox uniVERSE Adaptor or desktop docking cradle
Environmental	
Meets Ingress Protection	IP30
Temperature: Operating and Storage	32°F to 95°F (0°C to 35°C)
Humidity (non-condensing): Operating and Storage	10% to 90%