

## 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:  
[retail.solutions@magtek.com](mailto:retail.solutions@magtek.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

|   |   |
|---|---|
| <b>Payment methods</b>  |   |
| 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. |
| <b>Reliability and Operation</b>  |   |
| 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   |
| <b>General</b>  |   |
| Connections/Interfaces  | USB-C; Bluetooth® LE  |
| Magensa Web services  | L3 Certified Gateway, Remote Services, Tokenization, Encryption, Authentication   |
| <b>Electrical</b>   |   |
| Rechargeable Battery for Bluetooth LE                                     | Lithium-Ion Polymer (LiPo)  |
| Current and Power   | USB powered via USB-C receptacle  |
| <b>Security and Certifications</b>  |   |
| 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  |
| <b>Mechanical</b>   |   |
| Dimensions<br>W x L x H   | 2.76 in. x 2.57 in. x .79 in.<br>(70.10mm x 65.3mm x 20.1mm)  |
| Weight  | DynaFlex II Go = 3.17 oz. (90g)<br>DynaFlex II Go BCR = 3.24 oz. (92g)  |
| Mount/Stabilizer - additional accessories                                 | OtterBox uniVERSE Adaptor or desktop docking cradle   |
| <b>Environmental</b>  |   |
| 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%  |