



Pre-release. Features subject to change without notice.



DynaGlass Go Key Features

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Payment Methods Secure card reader authenticator for:

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

Security

- MagneSafe® Security Architecture
- Triple DES encryption and DUKPT key management
- AES encryption with DUKPT key management
- Magensa keys are standard
- Custom keys are available
- Dynamic encryption, tokenization and authentication
- PCI-Secure Reading and Exchange of Data (SRED)
- Suitable for PCI-P2PE Solutions
- MagnePrint® card authentication
- Device/host authentication
- Unique, non-changeable serial number
- Time bound session IDs

DynaGlass Go

Secure Card Reader Authenticator Terminal

DynaGlass Go delivers a small footprint device with big transactional power. DynaGlass Go puts the power of a payment terminal in the palm of your hand for faster, reliable, and secure payments and digital transactions. You can accept payments, and scan barcode IDs in this all-in-one device that is ready to connect and work in your complete payment solution.

Flexible Payment Methods

DynaGlass Go is a full service terminal, able to accept magnetic stripe cards, EMV chip cards (contact and contactless), and NFC enabled mobile wallets including Samsung Pay, Google Pay and Apple Pay. Using the latest in technology, DynaGlass Go offers a capacitive multi-touch screen that supports electronic signature and PIN on Glass for secure virtual keypad on a full color LCD display.

Versatile Settings

DynaGlass Go is ready for your mobile or countertop payment environments. Its small and lightweight form factor can easily be held for line-busting, pay-at-the-table, and pay-on-the-go services, or have it placed at the cash register for a small real estate device that makes accepting payments fast and easy.

Concept to Distribution





Use more of your Senses

This multi-media ready device allows merchants to run graphics on the display. The 5 mega-pixel auto-focus rear camera with flashlight supports 1D and 2D barcode transactions, which speeds checkout lines with fast coupon, loyalty, and ID capture.

Easier Integration

DynaGlass Go is compatible with Android operating systems and uses a USB Type C connection for improved compatibility and connectivity. The added ability to connect DynaGlass Go via IEEE 802.11 wireless or Bluetooth LE makes integration and implementation into a variety of platforms and environments even easier.



MagneSafe® Secure

DynaGlass Go is a secure device with a foundation built from the MagneSafe Security Architecture and uses tripleDES, AES encryption with DUKPT key management scheme with dynamic encryption, tokenization and authentication. It delivers PCI-Secure Reading and Exchange of Data (SRED) so it is suitable for PCI-P2PE Solutions. The magnetic stripe secure card reader authenticator uses MagnePrint® card authentication to secure cardholder data. DynaGlass Go is ready with device/host authentication, unique, non-changeable serial numbers, and time bound session IDs to defend against rogue devices entering the payment environment.

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DynaGlass Go Specifications	
Payment methods	
Magstripe secure card reader authenticator, (TK1/2/3); Bidirectional read; ISO 7811	YES 4 ips to 60 ips
EMV chip contact	EMVCo L1 and L2 ISO/IEC 7816
Contactless	ISO/IEC 18092, ISO/IEC 14443 (Type A, Type B) and Mifare, FeliCa, RFID capability
NFC contactless / mobile wallets	Level 1 / Level 2 Contact Level 1 / C-2/C-3/C-4/C-5 (Contactless), C-1/ C-6/C-7, PayWave, PayPass, ExpressWay, D-PAS, QuickPass (UnionPay)
Device Capabilities	
MSR / SCRA swipes	200K
EMV insertions	200K
Compatible Operating System	Any OS that supports USB HID 2.0 + Bluetooth LE or IEEE 802.11 wireless.
CPU and memory	STM 32 1GB RAM, 8GB NAND Flash.
Status indicators	TBD
Display	6-inch full color LCD display, resolution of 1440x720, capacitive multi-touch screen, supporting electronic signature and pin on glass capability.
Keypad	Secure virtual keypad for PIN entry, 1 power switch, 2 function keys .
Barcode	1D/2D
Video	Supports 720p video play.
Camera	5 Megapixel auto-focus rear camera with flashlight, support 1D/2D barcode payment. 0.3 Megapixel fixed focus front camera, support 1D/2D barcode payment
PIN Pad	PIN on Glass
General	
Connection Method	USB Type C and Pogo pin for docking station Wi-Fi or Bluetooth LE
Web services	YES
Electrical	
Charging	USB 2.0 Type C charging
Battery	Li-ion battery 3.7V/3800mAh/14.1Wh Charging every 6 months to maximize operation is recommended. Battery is removable.
Docking station (optional)	Charging, Scanning window for 1D/2D barcode payment High-Speed Printer (40mm Paper roll diameter) optional
Current and Power	Power through USB Input: 100~240VAC, 50/60Hz, 0.3A Output: 5.0VDC, 1.0A
Security and Certifications	
Compliance (FCC, CE, UL)	YES
PCI	PCI PTS 5.X
Encryption	TDES, AES, Master/Session key, DUKPT, Fixed KEY, RSA
MagneSafe Security Architecture	YES
Tamper	Responsive
Mechanical	
Dimensions and Weight	156mm (L) x 73mm (W) x 20mm (H) 270g (with battery)
Mount/Stabilizer	TBD
Environmental	
Operating temp	32 °F to 113 °F (0 °C to 45 °C)
Operating humidity non-condensing	10% to 90%
Storage temp	14 °F to 140 °F (-10 °C to 60 °C)
Storage humidity non-condensing	10% to 90%