



Pre-release. Features subject to change without notice.



DynaGlass Key Features

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Payment Methods

Secure card reader authenticator for:

- Dual magstripe cards
- EMV chip cards
- EMV contactless cards and NFC capable devices
- RFID capability

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

Secure Card Reader Authenticator Terminal

DynaGlass is a POS terminal with an 8-inch display that delivers a sleek, stationary POS solution. Intended for mounted environments it provides a clean central location for customer transactions and payments. Minimize the clutter at your point of sale and accept all the methods of payment you need with a secure payment terminal.

Flexible Payment Methods

DynaGlass 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 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 is ready for your countertop payment environment. Its sleek design uses minimal POS real estate and reduces power cords, cables, and cumbersome accessories. The clean design enhances the customer experience delivering faster payments moving lines and increasing sales.

Concept to Distribution





Get Your Message Across

The larger screen is great for running announcements, promotions, and getting your message across during customer interactions. You can provide coupons or valuable loyalty sign up as well. The larger screen size makes it easier for your customers to see what you are offering and ease the payment transaction flow for better customer service.

Easier Integration

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



MagneSafe Secure

DynaGlass 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 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.

Contact a representative to
learn more about this exciting new product.
562-546-6467

DynaGlass Specifications	
Payment methods	
Magstripe secure card reader authenticator, (TK1/2/3); Bi-directional 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 WIFI
CPU and memory	STM 32 1GB RAM, 8GB Nand Flash
Status indicators	TBD
Display	8-inch full color LCD display, resolution of 1280X800, 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	No
Video	Supports 720p video play.
Camera	No
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.
Accessories	High-Speed Printer (40mm Paper roll diameter) optional
Current and Power	Power through USB. Charging Cradle with optional printer capability Input: 100-240VAC, 50/60Hz, 0.3A Output: 5.0VDC, 1.0A
Security and Certifications	
Compliance (FCC, CE, UL)	YES
PCI	PCI PTS 5X
Encryption	TDES, AES, Master/Session key, DUKPT, Fixed KEY, RSA
MagneSafe Security Architecture	YES
Tamper	Responsive
Mechanical	
Dimension	205mm x 156mm x 22mm
Weight	TBD
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%