

Partner



MagTek | Elo Partner Solutions | Touchscreen Adapter Solutions

## Update your Touch Solution with EMV Payments by adding eDynamo by MagTek

eDynamo secure card reader authenticator is certified to five (5) leading payment processors including First Data, World Pay/Vantiv, Chase, Elavon, and TSYS, making your development time faster and your solution more flexible. With secure connectivity, and secure card reading, the combination of the eDynamo Cradle and Elo touchscreen deliver the payment solution you need for unattended payment kiosks, mobile touchscreen application, and anywhere else you use an Elo touchscreen.



### Accept EMV at your Elo Touch Solution

MagTek eDynamo Cradle advances the capabilities of accepting payments with both encrypting magstripe and contact EMV chip acceptance. In addition to the data security provided by eDynamo, the solution offers easy implementation into a merchant's environment for a dynamic payment terminal. Independent software vendors (ISVs) and customer-owned application creators seeking to support EMV transactions will benefit from this touchscreen monitor or tablet solution installed in systems running in Windows and Android operating systems.

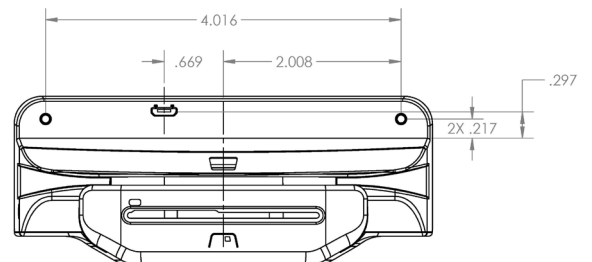


### Develop Faster for Android and Windows

To make things even easier, MagTek offers MagneFlex Prism developer tools. MagneFlex Prism is a suite of interface developer tools that reduce the points of development. Instead of using SDKs, APIs, and applets to build an interface to the hardware device, another to interface to the POS application, and another to the gateway, you can build the interface to just MagneFlex. MagneFlex drives the hardware, interfaces with the POS app, and can issue the commands to pack, parse and send the data out for processing.



Over head view unattached



Over head view unattached drawing



### EMV Certified Processor Support

Our solution gives you EMV support for 5 major payment processors and point to point encryption and tokenization. Our list is continually growing, but whether you use First Data, World Pay/Vantiv, Chase, Elavon, or TSYS you know your device is already L3 certified across all of these processors. So if your customer wants to change processors, or you have several applications you are working on at once, you know you have a flexible solution.



### Dependability

Both MagTek and Elo are industry leaders and offer the highest level of quality, support and functionality. Join us by moving your application to our platform for EMV.



### Security

eDynamo was built with the MagneSafe Security Architecture and secures both magstripe and EMV transactions. This layered digital identification and authentication architecture safeguards consumers and their personal data. MagneSafe's multi-layer security provides unmatched protection and flexibility for safer online transactions.

When combined with Magensa Services for Decryption, Decrypt and Forward, and the Magensa Payment Protection Gateway, the system under test is protected and secured. Designed to exceed PCI regulations, MagneSafe 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.

**Call or email today - 562.546.6467**

**RetailSolutions@MagTek.com**

Specifications	eDynamo
<b>Payment methods</b>	
Magstripe secure card reader authenticator Triple Track (TK1/2/3); Bidirectional read ISO 7810, 7811; AAMVA driver licenses	YES 6 ips to 60 ips
EMV chip contact EMVCo L1 and L2 ISO/IEC 7816	YES
<b>Reliability and Operation</b>	
MSR / SCRA swipes	100K
EMV insertions	100K
Operating System	Windows plug & play USB: Windows 7/8.1/10 Wireless: iOS 7.1 or newer, Android 4.4.2 or newer, Windows 8.1, Windows 10
CPU and memory	Non-volatile
Status indicators	Wireless Status LED (Blue) Status LED (Red/Green/Amber)
Device Compatibility	Android, Windows, iOS
<b>General</b>	
Cabling and mounting	USB cable is built in to the eDynamo Elo Adapter. Two standard mounting locations on Elo tablets, along length or along width, attach with screws
Interface	USB
<b>Electrical</b>	
Charging	Please reference the instructions included with your Elo tablet for charging instructions.
Connection	Connect Micro-USB to Elo tablet USB port.
Current and Power	Power via micro-USB. USB connection means that no charging is required for the eDynamo Elo Adapter. Power via USB, USB: 5 VDC   ~ 500mA
<b>Security and Certifications</b>	
Compliance (FCC, CE, UL)	YES
Data protection 3DES encryption; DUKPT key management MagneSafe Security Architecture Unique, non-changeable device serial no.	YES
Tamper	Evident/Resistant
<b>Mechanical</b>	
Dimensions L x W x H or L x W x D	4.72 L x 1.92 W
Weight	
<b>Environmental</b>	
Operating and storage temp	32°F to 113°F (0°C to 45°C)
Operating and storage humidity non-condensing	5% to 90%



Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, 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, token generators, EMV contact, contactless 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, and processors to provide secure and efficient 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.