MAGTEK®
SECURITY FROM THE INSIDE



iDynamo for Retail

Secure Card Reader Authenticators



iDynamo 5 (Lightning connection)
Adapter kits available for better stability.
Made for iPad Air 2, iPad Air, iPad with Retina Display, iPad mini, iPhone 6, iPhone 6 Plus, iPhone 5c, iPhone 5s, iPhone 5, and iPod touch 5th generation.



iDynamo (30-pin connection)
Adapter kits available for better stability.
Made for iPad 3, iPad 2, iPad, iPhone 4S, iPhone 4, iPhone 3GS, and iPod touch 2nd, 3rd and 4th generation.

From the company that leads with “Security from the Inside” MagTek has done it again with the iDynamo, a secure card reader authenticator (SCRA) designed to work with all supported iOS devices. The iDynamo offers MagneSafe™ security and delivers open standards encryption with simple, yet proven DUKPT key management, immediate tokenization of card data and MagnePrint® card authentication to maximize data protection and prevent the use of counterfeit cards.

ENHANCED USER EXPERIENCE

Mobile merchants can now leverage the power of their iPad, iPhone and iPod touch products without the worries of handling or storing sensitive card data at any time.

EASY INTEGRATION AND IMPLEMENTATION

MagTek provides SDKs and APIs for easier development and integration to reduce time to market.

encryption
DUKPT
tamper resistant
and evident

Call a representative to learn more
562-546-6400

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STABILITY AND RELIABILITY

The iDynamo is rugged and affordable, so it not only withstands real world use, it performs to the high standards set by MagTek, the world's most prolific supplier of secure payment technology for over 40 years. The stabilizing adapters secure the reader to your device for a more reliable and stable one-swipe read.



SECURITY

Ideal for merchants and mobile users, the iDynamo offers MagneSafe security features combined with the power of iPad, iPhone and iPod touch products with either 30-pin or Lightning interface options. This powerful combination assures convenience and cost savings while maximizing card data protection and transaction security from the moment the card is swiped all the way to authorization.

No other card reader beats the protection offered by a MagneSafe product.

Other devices claim to encrypt data in the reader. The iDynamo encrypts the data inside the read head, closest to the magnetic stripe and offers additional security layers with immediate tokenization of card data and MagnePrint card authentication. This layered approach to security far exceeds the protection of encryption by itself, decreases the scope of PCI compliance, and reduces fraud.

Specifications

SECURE CARD READER AUTHENTCIATOR (SCRA)
- Three (3) tracks
- ISO 7810 and ISO 7811, AAMVA
- Card Speed: 6 to 60 ips (15 to 152 cm/s)
- Protects card data per PCI DSS requirements
- MagnePrint card authentication
- Generates dynamic payment card data with each swipe
- Device/host authentication
- Unique, non-changeable serial number
- Time bound session IDs
- Triple DES open standards-based encryption
- DUKPT key management
- Immediate card data tokenization
- Masked data
- Reads up to 3 tracks
- Bi-directional read
- Reads ANSI/ISO/AAMVA cards plus custom formats

MESSAGE FORMAT
- ASCII

CONNECTOR
- iOS 30-pin or Lightning connection

OPERATING SYSTEM
- Mac OS X

Made for iPod iPhone iPad

CONTROLS
- The iDynamo has no user controls. Control, status and data functions are provided by the host interface. The system requires software on the host device to direct the operation of the card reader through the application programming interface (API).

MECHANICAL
- Length: 2.47 in (62.7 mm)
- Width: 1.50 in.(38.1 mm)
- Height: 0.58 in. (14.7 mm)

VOLTAGE/POWER/CHARGING
- Current: 50mA max

ENVIRONMENTAL
- TEMPERATURE
  - Operating: 0 °C to 35 °C (32 °F to 95 °F)
  - Storage: -20 °C to 45 °C (-4 °F to 113 °F)
- HUMIDITY
  - Operating: 5% to 90% noncondensing
  - Storage: 5% to 90% noncondensing
- ALTITUDE
  - Operating: 3000m (10,000 ft)

MAGTEK®
SECURITY FROM THE INSIDE

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, encrypting check scanners, PIN pads and distributed credential personalization systems. 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™ hardware 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. For more information, please visit www.magtek.com.

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Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

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