

MAGTEK[®]
SECURITY FROM THE INSIDE



iDynamo for Retail

Secure Card Reader Authenticator



iDynamo 5
(Lightning connection)
Adapter kits available for better stability.
Made for
iPhone 5/5s, iPhone 6, iPhone 6 Plus,
iPhone 6S, iPhone 7, iPhone 8, iPhone
6S+, iPhone 7+

iPad Air 2, iPad Pro 9.7", iPad Air, iPad
mini 3, iPad mini with Retina display; iPad
with Retina Display

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.



Call a representative to learn more: 562-546-6400.



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.

iDynamo 5



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 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	iDynamo
Payment methods	
Magstripe secure card reader authenticator Triple Track (TK1/2/3); Bidirectional read ISO 7810, 7811; AAMVA driver licenses	YES 4 ips to 60 ips
EMV chip contact EMVCo L1 and L2 ISO/IEC 7816	NA
EMV contactless EMVCo L1 and L2, EMV Level 1 /C-2/C-3/C-4/C-5 ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	NA
NFC contactless / mobile wallets ISO/IEC 18092, ISO/IEC 14443 (Type A, Type B) C-1/ C-6/C-7 D-PAS*, PayPass™, payWave®, ExpressPay®, Apple Pay®	NA
Reliability and Operation	
MSR / SCRA swipes	1 Million
EMV insertions	NA
Operating System	iOS 6.0 or newer
CPU and memory	Non-volatile
Status indicators	NA
Device Compatibility	Made for iPhone 5/5s, iPhone 6, iPhone 6 Plus, iPhone 6S, iPhone 7, iPhone 8, iPhone 6S+, iPhone 7+ ; iPad Air 2, iPad Pro 9.7"; iPad Air, iPad mini 3, iPad mini with Retina display; iPad with Retina Display
General	
Connection Method	Lightning
Wireless (Frequency 2.4 MHz)	NA
Interface	iOS
Display	NA
Secure Key Pad	NA
Optional Accessories	Retractable cable Stabilizers
Web services	NA
Electrical	
Charging	USB charging adapter (requires port with 2A @ 5V)
Battery	No Battery
Current and Power	Powered thru iOS device 50 mA current draw 2.85 to 3.47 VDC from device
Security and Certifications	
Compliance (FCC, CE, UL)	YES
Data protection 3DES encryption; DUKPT key management MagneSafe Security Architecture Unique, non-changeable device serial number	YES
Tamper	Evident/Resistant
Mechanical	
Dimensions L x W x H or L x W x D	2.47 x 1.5 x 0.58 in. (62.7 x 38.1 x 14.7 mm)
Weight	w/o adapter 1.02 oz. (28.94 g)
Mount/Stabilizer	Device adapters
Environmental	
Operating temp	32°F to 95°F (0°C to 35°C)
Operating humidity non-condensing	5% to 90%
Storage temp	-4°F to 113°F (-20°C to 45°C)
Storage humidity non-condensing	5% to 90%