



Features subject to change without notice



## iDynamo 6 Key Features

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### Payment Methods

Secure card reader authenticator for:

- Magstripe cards
- EMV chip cards

Optionally:

- EMV contactless cards
- NFC capable devices

### General

- Different models make several host connection types available, including Lightning plug, USB-C plug or receptacle, and Micro-USB B plug.
- Made for iPad, iPhone

### Security

- Triple DES encryption and DUKPT key management
- Magensa keys come standard
- Custom keys are available
- Dynamic encryption, tokenization, and authentication

### MagneSafe® Security Architecture

- Protects card data for easy PCI DSS compliance
- MagnePrint® card authentication
- Device/host authentication
- Unique, non-changeable serial number
- Time bound session IDs

## iDynamo 6

### Secure Card Reader Authenticator (SCRA)

Cafés and restaurants, boutiques and large retailers will benefit from iDynamo 6, the next generation of MagTek secure card reader authenticators (SCRAs). iDynamo 6 is an SCRA with magnetic stripe, EMV contact, and EMV / NFC contactless reading capabilities. To use the contactless capabilities, the device must be powered from a fully-powered USB-C port, or must be fitted with the optional battery pack for handheld solutions. The removable battery pack gives the flexibility to accept two or three methods of payment in one compact reader, and to function as a battery-free device if handheld contactless payments are not required. The versatile mounting bracket included with the device can be used to enhance mechanical stability with many types of host, including those with iOS, Windows, and Android operating systems. iDynamo 6 delivers a smart solution for companies that need the most flexibility in the smallest form factor at a great price.

### Stable Performance

iDynamo 6's universal mounting bracket uses a suction cup design that attaches to the host of your choice to provide a stable swipe, dip or tap experience. The bracket attaches to the magnetic stripe and EMV reader body, and provides a stable swipe, dip or tap experience.

### Compatible with Multiple Operating Systems

iDynamo 6 is very flexible. It works with a large number of host platforms including Android, Windows, and iOS devices with Lightning or USB connectors. iDynamo 6 has four separate connector configurations to select from:

- Lightning plug and USB C receptacle
- USB C plug and USB C receptacle
- Micro-USB B plug and USB C receptacle
- USB C receptacle only



## The Power of Flexibility

iDynamo 6 is a mobile device. The base model does not need an internal battery, which makes it perfect for in-flight airline use. When the rechargeable battery pack is attached, the device's LED shows the battery charge level: green signals fully charged; amber warns charging is needed soon; and red indicates a charge is required before a contactless transaction can occur. The optional EMV contactless battery pack does not interfere with pass through charging of the host device.

iDynamo 6 is made for on-the-go transactions, but can easily be built into other holsters and cases for a custom solution. iDynamo 6 is made from molded black plastic with a rubberized coating to keep the durability up and fingerprints down. Custom colors are available with a minimum order size.

## MagneSafe Security Architecture

iDynamo 6 adheres to MagTek's MagneSafe Security Architecture based on dynamic encryption, authentication, and tokenization, which protects cardholder data from the moment of swipe, dip, or tap. It reads cards, wearables, and mobile wallets.

## Magensa Services

Couple iDynamo 6 with Magensa Services to make your certification cycle easier, and remove unencrypted data from your environment. A service representative will work with you to determine whether Magensa Decrypt, Magensa Decrypt and Forward, or the Magensa Payment Protection Gateway is best for you. And as always, MagTek's developer tools including our royalty-free software developer kits with APIs are readily available 365/24/7 on our web site. For faster development, you can use our MagneFlex browser and middleware. Your code can be written once and deployed on multiple operating systems. The data is unpacked, parsed, and sent to its destination faster and easier.

Made for iPhone X, iPhone XR, iPhone XS, iPhone XS Max, iPhone 8, iPhone 8 Plus, iPhone 7, iPhone 7 Plus, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPad Pro 10.5-inch, iPad Pro 12.9-inch (2nd generation), iPad Pro 9.7-inch, iPad Pro 12.9-inch (1st generation), iPad mini (5th generation), iPad mini 4, iPad Air (3rd generation), iPad Air 2, iPad mini 3, iPad Air, iPad (6th generation), iPad (5th generation).

| <b>PRE-RELEASE</b><br>Specifications subject to change without notice.  |   |
|---|---|
| <b>Payment methods</b>  |   |
| Magstripe secure card reader authenticator<br>Triple Track (TK1/2/3); Bidirectional read; ISO 7811                                | YES<br>4 ips to 60 ips  |
| EMV chip contact<br>EMVCo L1 and L2 ISO/IEC 7816  | YES   |
| EMV contactless<br>EMVCo L1 and L2, EMV Level 1<br>ISO/IEC 18092, ISO/IEC 14443 (Type A/B)<br>PayWave, PayPass, ExpressWay, D-PAS | YES<br>Optional battery pack is required for mobile operation   |
| NFC contactless / mobile wallets<br>ISO/IEC 18092, ISO/IEC 14443 (Type A/B) and Mifare, FeliCa, RFID capability                   | YES<br>Optional battery pack is required for mobile operation   |
| <b>ISO/IEC 18092, ISO/IEC 14443 (Type A/B)</b>  |   |
| MSR / SCRA swipes   | 200K  |
| EMV insertions  | 200K  |
| Compatible Operating System   | iOS 9.0+<br>Any OS that supports USB HID 2.0 +  |
| CPU and memory  | STM 32  |
| Status indicators   | 1 LED   |
| Apple Device Compatibility  | iDynamo 6 is<br>Made for iPad and iPhone  |
| <b>General</b>  |   |
| Connection Method   | Lightning, USB Type C, micro USB (female & male)  |
| Web services  | YES   |
| <b>Electrical</b>   |   |
| Charging  | USB 2.0 Type C<br>Apple adapter   |
| Battery Pack for EMV contactless option   | Li-Po 400mAh<br>Charging Time 2-3 Hrs.<br>Recommended charging at least every 6 months to maximize operation.             |
| Current and Power   | Power through iOS or USB.<br>EMV Contactless requires battery pack in mobile operations                                   |
| <b>Security and Certifications</b>  |   |
| Compliance (FCC, CE, UL)  | YES   |
| MagneSafe Security Architecture   | YES   |
| Tamper  | Evident/Resistant   |
| <b>Mechanical</b>   |   |
| Dimensions<br>L x W x H or L x W x D  | 2.75 x 2.1 x 0.73 in.<br>(70 x 53.9 x 18.75 mm)<br>with battery pack:<br>2.8 x 2.24 x 1.3 in.<br>(72.72 x 57.8 x 33.0 mm) |
| Weight  | iDynamo 6: 0.90 oz. (25.4g)<br>Battery pack: 1.68 oz. (47.6g)   |
| Mount/Stabilizer  | Optional Multi-Device Adapter   |
| <b>Environmental</b>  |   |
| Operating temp  | 32°F to 113°F (0°C to 45°C)   |
| Operating humidity non-condensing   | 5% to 90%   |
| Storage temp  | 32°F to 113°F (0°C to 45°C)   |
| Storage humidity non-condensing   | 5% to 90%   |

