iDynamo 6 Key Features
Secure card reader authenticator
- Bi-directional magstripe card reading
- EMV Contact Chip
- EMV Contactless Cards
- NFC Contactless Devices/Wallets

Compatible Operating System and Connections
- iOS Lightning
- USB-C iOS, Android, and Windows

MagneSafe® Security Architecture
- Triple DEA encryption
- DUKPT key management
- Tokenization
- Authentication

PN 21087023
iDynamo 6 USB-C for Android, iOS, and Windows
PN 21087016
iDynamo 6 Lightning

OTTERBOX

PN 21079862
MagTek UNIVERSE Clip
(Phone and SCRA not included.)

iDynamo 6
Secure Card Reader Authenticator (SCRA)

Cafés and restaurants, boutiques and large retailers benefit from iDynamo 6, the next generation of MagTek secure card reader authenticators (SCRAs). iDynamo 6 accepts EMV Contactless, NFC payments including enabled mobile wallets; like Samsung Pay, Google Pay, and Apple Pay; contactless protocols like Apple VAS; magstripe, and EMV Contact Chip transactions. The rechargeable battery pack or connection to a USB 3.0 host, makes all of these transaction types possible. As long as the device is receiving enough power, the battery pack can be removed if needed, to perform the wide variety of transactions. iDynamo 6 delivers a smart solution for companies that need the most flexibility in the smallest form-factor at a great price.

Stable Performance
The versatile mounting bracket enhances mechanical stability with many types of deployment scenarios including desktop computers, mobile handsets, and tablets, regardless of size and form-factor. The bracket attaches to the host-device of your choice and provides a stable swipe, dip, or tap experience and provides a more secure, integrated feel for cardholder's interaction.

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562-546-6400

Operating Systems

iDynamo 6 is flexible and is the perfect choice for solutions that run on Windows, Android, or iOS host-devices, with Lightning or USB C connectors depending on the host and operating system. iDynamo 6 has two separate connector configurations to select from:

- iDynamo 6 Lightning and USB C receptacle
- iDynamo 6 with USB C Plug and USB C receptacle

The Power of Flexibility

- Made for on-the-go transactions and can also be built into other holsters and cases for a custom solution.
- Ideal for mobile solutions and can accommodate FAA regulations for in-flight transactions for magstripe and EMV Contact Chip when an external battery is not ideal.
- Made from molded black plastic with a rubberized coating, it keeps the durability up and fingerprints down.
- Custom colors are available with a minimum order size.
- LED shows the battery charge level.
- The rechargeable battery pack does not interfere with charging of the host device.

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.

Magensa Services

Faster development for in-person, online, and in-app payments is made possible when iDynamo 6 is coupled 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 the best fit between our web services and gateways. And as always, MagTek's developer tools including our royalty-free software developer kits with APIs are readily available on our web site.

Specifications	
Payment methods	
Magstripe secure card reader authenticator Triple Track (TK1/2/3); Bidirectional read; ISO 7811	YES 4 ips to 60 ips
EMV chip contact EMVCo L1 and L2 ISO/IEC 7816	
EMV contactless EMVCo L1 and L2, EMV Level 1, ISO/IEC 18092, ISO/IEC 14443 (Type A/B); PayWave, PayPass, ExpressWay, D-PAS	
NFC contactless / mobile wallets ISO/IEC 14443	(Type A, Type B) C-6 EMV Contactless, Apple Pay®, Apple VAS®, D-PAS®, ExpressPay®, Google Pay, PayPass™ payWave®, Samsung Pay®	
ISO/IEC 18092, ISO/IEC 14443 (Type A/B)	
MSR / SCRA swipes	200K
EMV insertions	200K
Compatible Operating System	iOS 9.0+ Any OS that supports USB HID 2.0 +
CPU and memory	STM 32
Status indicators	1 LED
Apple Device Compatibility	iDynamo 6 with Lightning is Made for iPad and iPhone
General	
Connection Method Direct mount or cabled connection to Android hosts with USB C port and USB On-The-Go (OTG), to iOS hosts with USB C connector, and to Windows hosts with USB C connector.	Lightning, USB-C
Electrical	
Charging	USB 2.0 Type C | Apple adapter
Battery Pack	Li-Po 400mAh Charging Time 2-3 Hrs. Recommended charging at least every 6 months to maximize operation.
Current and Power	Power through iOS or USB. EMV/NFC Contactless requires battery pack or USB 3.0 in mobile 500mA USB 2.0 to 900mA USB 3.0
Security and Certifications	
Compliance (FCC, CE, UL)	YES
MagneSafe Security Architecture	YES
Tamper	Evident/Resistant
Mechanical	
Dimensions L x W x H or L x W x D	2.75 x 2.1 x 0.73 in. (70 x 53.9 x 18.75 mm) with battery pack: 2.8 x2.24 x 1.3 in. (72.72 x 57.8 x 33.0 mm)
Weight	iDynamo 6: 0.90 oz. (25.4g)Battery pack: 1.68 oz. (47.6g)
Mount/Stabilizer	Optional Multi-Device Adapter
Environmental	
Operating and storage temp	32°F to 113°F (0°C to 45°C)
Operating and storage humidity	5% to 90% non-condensing

Made for
 iPhone | iPad

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, barcodes, 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, Qwantum secure cards, token generators, EMV contact, contactless, barcode 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, payment processors, and ISVs to provide secure and efficient data privacy, as well as 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 on-line identification, payment processing, and high-value electronic transactions. MagTek is headquartered in Seal Beach, CA.