

iDynamo 5 (Gen III)

Secure Card Reader Authenticator, PCI PTS 6.x

ENGINEERED FROM INNOVATION AND SUCCESS

iDynamo 5 (Gen III) enhances the already successful iDynamo 5 magnetic swipe mobile card reader by extending its compatibility to include iOS, Android, and Windows operating systems. This advancement creates a more universal connection offering USB Keyboard, USB HID, and USB iAP2, ensuring seamless integration across various platforms. Well-suited for your P2PE environment, it offers enhanced SRED compliance security.

OPERATING SYSTEMS

- Android
- iOS
- Windows

ACCEPTED PAYMENTS

- Magnetic Stripe

EASY MOBILITY

Sometimes offering the simplest payment option is the best solution. Device integration is faster with magnetic stripe, and SRED certification increases confidence in security.

PAYMENT AND NONPAYMENT ACCEPTANCE

In addition to providing a bi-directional read head with a smooth swipe path, excellent reading accuracy, and the ability to read multiple tracks of payment card data, iDynamo 5 (Gen III) supports Quantum Reading and Authentication for non-payment, identification systems.

OPERATING SYSTEMS

Using a USB-C receptacle, iDynamo 5 (Gen III) works with compatible Android, iOS, and Windows host operating systems. The USB connection provides all the power the reader needs, so there is no need to manage batteries.

SMALL FORM FACTOR

iDynamo 5 (Gen III) follows the form factor of iDynamo 5 but offers more capabilities, increasing compatibility with host devices, cases, enclosures, and holsters. This makes it a great replacement when you are looking to upgrade legacy card readers.

CONNECTION

The USB-C receptacle provides a stable connection to host devices. This is ideal to accommodate standard or custom cabling needs for a variety of environments and uses cases.

To get started contact:
retail.solutions@magtek.com

ACCESSORIES

The OtterBox uniVERSE case makes attaching to smartphones and tablets even easier, by providing a simple way to clip the reader into a phone or tablet case securely, delivering smooth operation.

SECURITY AND COMPLIANCE

iDynamo 5 (Gen III) is a PCI PTS 6.x, SCR, SRED device that uses AES 128/256 or triple DEA encryption, and (Derived Unique Key Per Transaction) DUKPT key management, so each transaction uses a unique encryption key.

CERTIFIED WITH MAGENSA WEB SERVICES

Magensa Web Services provide a faster development cycle and save you money. Magensa Gateway and Tokenization Services provide more payment acceptance, more access controls, and an omni-commerce platform. Whether you are accepting payments in-person, online, or in-app, Magensa Gateway delivers a centralized, audited, and safeguarded solution. Magensa numbers speak volumes...






DEVICE INTEGRATION TOOLS

Magensa Device Integration Tools make development easier and more secure. MagTek software developer kits have no royalty or maintenance fees and are free to re-distribute with your application. SDKs come with demo apps, sample code, and complete programmer's manuals. Magensa MagneFlex browser and middleware drive the hardware, interface with the POS app, and enable faster development, and Widget App provides simplified card data acquisition via a keyboard wedge interface.

REMOTE SERVICES AND SUPPORT

MagTek stands behind its products and offers USA located support. Magensa remote services provide device management, firmware updates, key injection, and device configuration in centralized or distributed locations. Whether you need to update a single device or send firmware down to thousands of installed devices, our goal is to keep you up and running.

Specifications

Payment Methods	
Magstripe Secure Card Reader Authenticator Triple Track (TK1/2/3); Bi-Directional Read ISO 7810, 7811; AAMVA Driver Licenses	YES, 4 ips to 60 ips
Quantum Security	
Reading and Authentication	YES, non-payment and ID
Reliability and Operation	
MSR / SCRA Swipes	100K
Compatible Operating System	Windows, Android, iOS
Status Indicators	1 LED
General	
Connection Method	USB-C receptacle
Interface	USB Keyboard  USB HID  USB IAP2 
Magensa Web Services: Gateway and Tokenization, Integration Tools, Remote Mgmt	MPPG, DaF, Decrypt, RMS
Electrical	
Charging/Battery	N/A
Current and Power	USB
Security and Certifications	
PCI Compliance	PCI PTS 6.x SCR, SRED
Compliance (FCC, CE, UL, WEEE)	YES
MagneSafe Security Architecture Non-changeable device serial number	AES 128/256 and 3DEA encryption, DUKPT key mgmt
Tamper	Evident/Resistant
Mechanical	
Dimensions L x H x W	2.47 x 1.5 x 0.58 in. (62.7 x 38.1 x 14.7 mm)
Weight	approx. 1 oz. (28g)
Mount/Stabilizer/Accessory	OtterBox uniVERSE Clip
Environmental	
Operating Temp	32°F to 113°F (0°C to 45°C)
Storage Temp	-4°F to 113°F (-20°C to 45°C)
Operating Relative Humidity, Non-condensing	5% to 90%
Storage Relative Humidity, Non-condensing	10% to 90%

