

## tDynamo

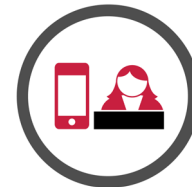
### Three-way Secure Card Reader Authenticator

Point-of-service and point-of-sale needs to be fast, reliable and secure. tDynamo delivers on all three and meets the growing demand from your customers to use the latest in technology in the easiest-to-use form factor. The tDynamo reader is a simple way to take a wide variety of payment methods, in a small, versatile device. tDynamo is a three way (magnetic stripe, chip card, contactless) card reader.



#### tDynamo

Sleek and secure, a three-way reader (MSR/ICC/Contactless) and USB 2.0 interface type C. Shown here mounted on the optional charging dock.



### Counter Top or Mobile

tDynamo allows you to slide quickly between a counter top or mobile platform, giving you flexibility through-out the day. The charging dock can be mounted to the table with one screw and nut, keeping things simple, using very little real-estate, securing the device while charging, and continuing to use.



### Magstripe, Contact Chip, Contactless

tDynamo is a versatile reader in a simple and easy to understand design. With all of the payment methods in the market today, tDynamo delivers magnetic stripe, chip card, and contactless in a small form factor. Now you can accept classic plastic to mobile wallets and just about everything in between.



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



## Engineered Design

tDynamo delivers a sleek design engineered to work in today's changing retail environments. tDynamo lets you set the trends instead of trying to keep up. Although in a small form factor, it delivers a long smooth swipe-path with excellent performance and one of the highest first swipe read rates in the industry. The chip insert path is smooth and easy to access, and the contactless, touch-less, pad is sleek and simple.



## Encryption and Authentication

Data is protected and encrypted the moment it is swiped, so clear data never enters your system. Open, 3DES end-to-end encryption and industry-standard DUKPT key management, allows for greater platform flexibility.



## Simplified Integration

MagTek understands the value of easy-to-use and well documented Software Development Kits (SDKs), technical documentation, APIs, and sample code. MagTek SDKs have no royalty or maintenance fees and are free to re-distribute with your application.



## MagneSafe™ Security Architecture

The MagneSafe Security Architecture provides the maximum security at the minimum cost, both in total dollars and implementation efforts. Counterfeit card data cannot get into the system and usable card data cannot be breached out of the system. MagneSafe delivers a layered approach to transaction security and combines encryption, tokenization, authentication and dynamic data to protect card data at the moment the card is swiped.

Specifications	tDynamo
<b>Payment methods</b>	
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	YES Terminal type 21 and 24
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)	YES
NFC contactless / mobile wallets ISO/IEC 18092, ISO/IEC 14443   (Type A, Type B) C-1/ C-6/C-7 D-PAS*, PayPal*, payWave®, ExpressPay®, Apple Pay*	YES
<b>Reliability and Operation</b>	
MSR / SCRA swipes	1 Million
EMV insertions	300K
Operating System	iOS, Android, Windows
CPU and memory	Cortex M3, 1 MB memory
Status indicators	Wireless (Blue) Status LED (Red/Green/Amber)
Device Compatibility	iPad, iPhone, Android phones
<b>General</b>	
Connection Method	USB Type C USB 2.0 com
Wireless (Frequency 2.4 MHz)	Certain standard wireless
Interface	USB Type C with high current USB 2.0 com, Wireless
Display	NA
Secure Key Pad	NA
Optional Accessories	Optional charging dock
Web services	Magensa Services
<b>Electrical</b>	
Charging	Rechargeable USB 2.0 charge Charging Time:1.5Hr
Battery	Li-ion Polymer
Current and Power	Power via USB or Battery. USB: 5 VDC
<b>Security and Certifications</b>	
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
<b>Mechanical</b>	
Dimensions L x W x H or L x W x D	3.94 x 3.15 x 0.61 in. (100 x 80 x 15.5 mm)
Weight	4 oz. (133.4 g)
Mount/Stabilizer	Optional charging dock
<b>Environmental</b>	
Operating temp	32°F to 113°F (0°C to 45°C)
Operating humidity non-condensing	10% to 90%
Storage temp	-4°F to 113°F (-20°C to 45°C)
Storage humidity non-condensing	10% to 90%