



DynaMAX for Retail

Secure Card Reader Authenticator (SCRA) Bluetooth 4.0 or USB

DynaMAX, MagTek's newest secure card reader authenticator, gives users the flexibility needed in point of sale and point of service environments. Whether used by a hotel, retail merchant, food truck, or theatre, DynaMAX's ability to work with USB wired or Bluetooth 4.0 (BLE) wireless connections delivers one reader for mobile or stationary needs, saving the user money on a single, low-cost, yet highly secure device.

The dual interface delivers compatibility for traditional Microsoft Windows and Apple Macintosh computers in addition to Bluetooth 4.0 compatible tablets and smartphones. The low energy consumption extends the life of its disposable batteries when interfacing via Bluetooth 4.0, and the USB wired connection keeps DynaMAX up and running without worrying about battery life. DynaMAX is a flexible, reliable, and secure card reading solution.

Make checking out faster with a reliable swipe path. Unlike other mobile devices, DynaMAX has a long swipe path with well-defined head pressure for maximum first swipe read reliability. Your customers will appreciate the ease of use and its ergonomic design.

EASE OF INTEGRATION AND DEPLOYMENT (DROP-IN REPLACEMENT)

DynaMAX requires no wire management and makes implementation and deployment much easier, since there is no drilling or requirement to fasten the reader. If you do need to fasten the reader in a traditional stationary environment, the user can choose to mount DynaMAX with a rubberized no slip pad, with screws, or Velcro®. The mounting options provide flexible solutions that enable the user to choose an option that makes sense for the specific point of sale or point of service environment.



USB connection
bi-directional
Bluetooth 4.0

Call a representative to learn more
562-546-6400

SECURE CARD SWIPE FOR STATIONARY OR MOBILE TRANSACTIONS

MagTek secure card reader authenticators (SCRAs) use the MagneSafe™ Security Architecture (MSA). The MSA has evolved exponentially from its inception in 2006 when it delivered the industry's first SCRAs for secure electronic transactions. The MSA is a digital identification and authentication architecture that safeguards consumers and their personal data. Designed to exceed PCI regulations, MSA leverages strong encryption, secure tokenization, counterfeit detection, tamper recognition, data relevance and integrity, and dynamic digital transaction signatures, which together validate and protect the entire transaction and each of its components.

A key feature of the MSA is MagnePrint® card authentication, a patented, proven technology which reliably identifies counterfeit credit cards, debit cards, gift cards, ATM cards and ID cards at the point of swipe, before fraud occurs. MSA's multi-layer security provides unmatched protection and flexibility for safer online transactions.

INVESTMENT AND SAVINGS

MagTek's wholly owned subsidiary, Magensa, provides authentication for personal electronic devices including payment terminals, PIN entry devices, encrypting check scanners, and secure card reader authenticators. Using a proven mutual authentication technique, secured devices are programmed to generate an encrypted challenge and communicate directly to Magensa using an SSL connection. Legitimate devices can be identified and authorized for use while rogue devices can be identified and stopped before they are used to commit fraud. This exceeds PCI compliance measures. Coupled with instant encryption of cardholder data in the read head, PCI scope is greatly reduced.

DynaMAX enables retailers to "future proof" their POS and PC-based electronic transactions that support today's traditional applications and tomorrow's advanced security requirements. DynaMAX gives you the flexibility to leverage advanced security features including card authentication, data encryption, and device/host authentication.

Save time and resources with secure remote key injection and key management. MagTek's secure infrastructure allows merchants to safely and remotely inject encryption keys, minimizing risk, lowering costs and enhancing overall operations. Remote Key and Device Management services from MagTek are TR-39 compliant. Remote Services allow for the upgrade of keys or device security settings throughout the life of the device, and remove the need for merchants to recall devices. Such flexibility provides peace of mind in knowing there is maximum flexibility to support tomorrow's evolving payment technologies.

INDUSTRY STANDARD COMPLIANCE

- Remote key and device management services from MagTek are compliant with TR-39 environments
- MagTek is an official ESO (Encryption Support Organization). Visit VISA's Global Registry of Service Providers for more details.

Specifications

REFERENCE STANDARDS AND CERTIFICATIONS

MAGSTRIPE: 3 Track bidirectional, Read Data
ENCRYPTION: TDEA (3DES)-CBC using DUKPT
INGRESS PROTECTION: IP-42
FCC Title 47 Part 15 Class B; CE Level C EMC; CE
Safety; UR/CUR UL Recognized; California Proposition
65 (California); WEEE

SECURE CARD READER AUTHENTICATOR

Open standards-based encryption 3DES (TDEA)
DUKPT Key Management
MagnePrint® Card Authentication
Tamper Resistant Security Module (TRSM)
Immediate card data tokenization
Protects card data per PCI DSS requirements
Generates dynamic data with each swipe
Device/host authentication
Unique, non-changeable serial number
Time bound session IDs

MECHANICAL

Dimensions (LxWxH)
4.74x 1.47x1.82" (120.4x37.34x46.23 mm)

WEIGHT

With batteries: 4.73 oz. (134.09 g)
Without batteries: 3.03 oz. (85.90 g)

MOUNTING OPTIONS

Desktop anti-skid pad, attached weight, threaded mounting holes and optional recessed cable, and adhesive and optional recessed cable, and Hook and loop fasteners, and Lanyard

USER INTERFACE CHARACTERISTICS

STATUS INDICATORS: Power LED (Blue); Three-color General Status LED (Red/Green/Amber)
SWIPE SPEEDS: 6" /second to 60" / second
OPERATING SYSTEMS: iOS 7.1; Android 4.4.2; USB: Windows 7, Windows 8; BLE: Windows 8.1 on hosts with Bluetooth 4.0 hardware
DATA CONNECTIONS: Bluetooth Low Energy (BLE) wireless Micro-USB, compatible with USB 1.1, USB 2.0
WIRED CONNECTION TYPES: Micro-USB B, configured to appear as USB HID
WIRELESS CONNECTION: Bluetooth Low Energy (BLE), configured to appear as a GATT device; Wireless Range: Min 33 ft. (10 m) in line-of-sight conditions; Wireless Frequency: 2.4 MHz

ELECTRIC CHARACTERISTICS

POWER INPUTS: USB powered via Micro-USB B jack
BATTERY TYPE Two Alkaline AA
BATTERY STANDBY TIME: 5 years
VOLTAGE: 5 VDC on USB power; 3 VDC on battery power
MAX CURRENT DRAW: < 100 mA

ENVIRONMENTAL

Temperature	
Operating	32 °F to 113 °F (0 °C to 45 °C)
Storage	-4 °F to 149 °F (-20 °C to 65 °C)
Humidity	
Operating	5% to 90% noncondensing @ 23 °C
Storage	5% to 90% noncondensing



Founded in 1972, MagTek is a leading manufacturer of electronic systems for the reliable issuance, reading, transmission and security of cards, 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, encrypting check scanners, PIN pads and distributed credential personalization systems. These products are used worldwide by financial institutions, retailers, and processors to provide secure and efficient payment and identification transactions. Today, MagTek continues to innovate. Its MagneSafe™ hardware 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 online identification, payment processing, and high-value electronic transactions. MagTek is headquartered in Seal Beach, CA. For more information, please visit www.magtek.com.



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About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



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