



PermaSeal Insertion SCRA built for outdoors



SlimSeal Insertion SCRA

PermaSeal and SlimSeal

Insertion Secure Card Reader Authenticator

MagTek Insertion Secure Card Reader Authenticators support up to 3 tracks of data from ISO and AAMVA encoded cards. PermaSeal and SlimSeal offer flaxibility with left or right read heads and card reading occurring on insertion or withdrawal from the card slot when the card is oriented such that the card's magnetic stripe contacts the read head.

PermaSeal and SlimSeal use the MagneSafe™ Security Architecture

MagneSafe is a digital identification and authentication architecture that safeguards consumers and their personal data. Designed to exceed PCI regulations, MagneSafe 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 MagneSafe 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. MagneSafe's multi-layer security provides unmatched protection and flexibility for safer online transactions.

MagnePrint is a dynamic card authentication technology based on the unique physical properties of the magnetic stripe, also referred to as the stripe's digital identifier or (DI). It provides validation that the card itself is genuine and that its encoded data has not been altered.



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



Specifications

When a card is inserted in the reader, the track data and MagnePrint information will be encrypted using TDEA (Triple Data Encryption Algorithm, aka, Triple DES) and DUKPT (Derived Unique Key Per Transaction) key management. This method of key management uses a base derivation key to encrypt a key serial number that produces an initial encryption key which is injected into the reader prior to deployment. After each transaction, the encryption key is modified per the DUKPT algorithm so that each transaction uses a unique key. Thus, the data will be encrypted with a different encryption key for each transaction.

SlimSeal

The SlimSeal Secure Card Reader Authenticator is available in a variety of interfaces and head arrangements. SlimSeal can be mounted either for horizontal or vertical card insertion. A card-present sensor at the rear of the slot notifies the application that a card has been inserted so that the cardholder can be prompted with further instructions.

PermaSeal

The PermaSeal Secure Card Reader Authenticator is designed for installations that might be subjected to harsh environments such as fuel (petroleum) pumps and outdoor kiosks. The water-tight design of the bezel and reader body make it ideal for outdoor applications. The design further protects the electronics from harmful contamination. This compact insertion style SCRA conforms to ISO standards.

PN	Description
21063018	P-Series, Extended, Right Head
21063019	P-Series, Extended, Left Head
21063020	P-Series, Flat, Right Head
21063020	P-Series, Flat, Left Head

Reference Standards	ISO 7810 and ISO 7811/ AAMVA*
Magstripe Functions	Track 1,2,3
Recording Method	Two-frequency coherent phase (F2F)
Message Format	ASCII
Card Speed	4 to 60 ips (10.1 to 152.4 cm/s)
	OPERATING
Power Input	5V from USB bus
Current	
Normal Mode	100mA maximum
Suspend Mode	500uA maximum
*ISO (International Standards of Motor Vehicle Administrato	Drganization) and AAMVA (American Association rs).
Bezel Options	flat or extended
Mounting	4 screws and washers with mounting bezel, apply 5.0 +/- 0.5 inch lbs of torque when installing the screws
Connector	USB mini B 5-pin
	ENVIRONMENTAL
	Temperature
Operating	-30°C to 70°C (-22°F to 158°F)
Storage	-40°C to 70°C (-40°F to 158°F)
	Humidity
Operating	10% to 90% noncondensing
Storage	10% to 90% noncondensing
	DIMENSIONS
Core chassis	Length 4.66 in. (118.4mm) Width 2.56 in. (65.02mm) Height 1.01 in. (25.65mm)



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, token generators, EMV contact, contactless 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, and processors to provide secure and efficient 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 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 online identification, payment processing, and high-value electronic transactions. MagTek is headquartered in Seal Beach, CA.