



## Dynamag PN-21073062

Small-Footprint. USB Powered. Bi-directional.

**For customers that want both security and ease of use**, the Dynamag Secure Card Reader Authenticator (SCRA) is MagneSafe™ secured and offers a reliable and convenient swipe path with complete security features for the peace of mind you can trust. Specifically designed to meet PCI DSS requirements to secure cardholder data, the Dynamag employs the industry standard, Triple DES encryption. The Dynamag is USB powered. This bi-directional SCRA conveniently makes any existing merchant application more secure.

The Dynamag enables retailers to “future proof” their POS applications with support for both today’s traditional applications and tomorrow’s advanced security requirements. The Dynamag is 100% interface compatible with all traditional MagTek® readers while also enabling advanced security features including card authentication, data encryption, and device/host authentication to be activated when higher security is demanded.

## Features

- Reads up to 3 tracks
- Bi-directional read
- Reads ANSI/ISO/AAMVA cards plus some custom formats
- **Supports USB HID or USB keyboard emulation interfaces; no third party device driver is required**
- USB powered
- Provides Red/Green/Amber LED for status
- Unique, non-changeable device serial number
- Triple DES Encryption
- DUKPT Key Management
- MagnePrint® Card Authentication
- Tokenization
- Device & Host Authentication
- MagneSafe 2.0 for seamless integration into an existing software and hardware infrastructure
- Masked Data

# Dynamag

## Specifications & Configurations

Description	P/N
Black, USB swipe reader	21073062

## Specifications\*

### General

<b>Interfaces</b>	USB HID USB Keyboard Emulation
<b>Color</b>	Black
<b>Reference Standards</b>	ISO 7810, ISO 7811, AAMVA
<b>Recording Method</b>	Two-frequency coherent phase (F2F)
<b>Card Speed</b>	4 to 60 ips (10.1 to 152.4 cm/s)

## Electrical

<b>Power Input</b>	5V from USB bus
<b>Current</b>	
<b>Normal mode</b>	110 mA maximum
<b>Suspend Mode</b>	500 uA maximum

# Mechanical

<b>Dimensions</b>	Length: 3.94" (100.0mm) Width: 1.28" (32.5mm) Height: 1.23" (31.3mm)
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<b>Weight</b>	Weight: 4.5 oz. (127.57 g)
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<b>Cable Length</b>	6 ft.
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<b>Connector</b>	USB Type A plug
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# Environmental

## Temperature

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<b>Operating</b>	-30 °C to 70 °C (-22 °F to 158 °F)
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<b>Storage</b>	-40 °C to 70 °C (-40 °F to 158 °F)
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## Humidity

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<b>Operating</b>	10% to 90% noncondensing
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<b>Storage</b>	Storage 10% to 90% noncondensing
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## Altitude

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<b>Operating</b>	0-10,000 ft. (0-3048 m.)
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<b>Storage</b>	0-10,000 ft. (0-3048 m.)
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