

## ORDERING INFORMATION

Mini	Description	P/N	Track(s)	Color	Full-Size	Description	P/N	Track(s)	Color
USB Keyboard Emulation	USB Keyboard Emulation	21040109	1 & 2	White		USB Keyboard Emulation	21088066	1, 2 & 3	White
		21040107	1, 2 & 3	White					
USB HID	USB HID	21040105	2	White		Port Powered RS-232	21088061	1, 2 & 3	White
		21040106	2	Black					
		21040103	1 & 2	White		Keyboard Wedge	21080057	1 & 2 mini DIN	White
		21040104	1 & 2	Black			21080141	1 & 2 mini DIN	Black
		21040101	1, 2 & 3	White					
		21040102	1, 2 & 3	Black					
Port Powered RS-232	Port Powered RS-232	21040075	2	White					
		21040080	2	Black					
		21040071	1 & 2	White					
		21040079	1 & 2	Black					
		21040074	1, 2 & 3	White					
		21040082	1, 2 & 3	Black					
Keyboard Wedge	Keyboard Wedge	21080205	2	White					
		21080206	2	Black					
		21080203	1 & 2	White					
		21080204	1 & 2	Black					
		21080201	1, 2 & 3	White					
		21080202	1, 2 & 3	Black					

## SPECIFICATIONS

Mini	USB	Current
Reference Standards	ISO, ANSI, CDL and AAMVA	Normal: 30 mA Suspend Mode: 300 uA
Recording Method	Two-frequency coherent phase (F2F)	
Card Speed	3 - 50 i.p.s.	
MTBF	Electronics: 125,000 hours Head: 1,000,000 passes	
Audible Noise	55db at 39.4 in (1.0 m)	
Temperature	Operating: 32°F - 131°F (0°C - 55°C) Storage: -22°F - 158°F (-30°C - 70°C)	
Humidity	Operating: 10% - 90% non condensing Storage: 0% - 100% non condensing	
Altitude	Operating: 0 - 10,000 ft (0 - 3,048 m) Storage: 0 - 50,000 ft (1 - 15,240 m)	
Full-Size	Keyboard Wedge	Current 20 mA max
		Power Input From PC: 5 V
Mini & Full-Size	Port Powered RS-232	Current Quiescent: 1 - 2 mA typical (continuous) Transmitting: 8 - 9 typical (5 ms duration) Peak at Power On: 12 mA
		DTR Voltage 5 - 15 VDC
Full-Size	Keyboard Wedge	Current 100 mA max
		Power Input From PC: 5 V, 100 mA max draw

## MagTek® Inc.

1710 Apollo Court  
Seal Beach, CA 90740  
p 562-546-6400  
f 562-546-6301

[www.magtek.com](http://www.magtek.com)  
800-788-6835

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**MAGTEK®**

## COMPLETE CARD READING SOLUTIONS



[magtek.com](http://magtek.com)

Mini & Full-Size Swipe Readers

MagTek, the world's leading supplier of magnetic stripe card readers since 1972, offers quality swipe readers designed to help process your business's card transactions easily, effectively and securely.

The Mini Swipe Reader and the Full-Size Swipe Reader, two of our most popular card reading solutions, have been designed to meet a variety of installation needs and functional requirements.

Our Mini Swipe Reader's small foot print saves space while our Full-Size Reader offers the longer card path that ensures easy, accurate swiping every time.

Designed to work with most software applications and PCs, MagTek's Mini and Full-Size Swipe Readers allow for several possible interface configurations to handle the transfer of card data into your system.



**Full-Size Swipe Reader**

Longer card path for easy swipe

**Mini Swipe Reader**

Space-saving design



#### Features\*

- No external power source required
- Reads up to three tracks of data
- Compatible with most computers and terminals
- Reads encoded cards that meet ISO/ANSI/AAMVA standards
- Green/red LED status
- Bidirectional read capability
- Up to 1,000,000 passes with ISO conforming cards
- Available in black or white

#### USB Keyboard Emulation

- Ideal for existing keyboard wedge applications
- No software interface required to view card data
- Raw data transferred to PC and display on screen as if keyed in manually
- Built-in 6-foot cable with standard USB connector

#### USB (HID)

(Available for Mini Swipe Reader only)

- Ideal for new card reading applications
- Application software required to display data (demo software available)
- Plugs into PC with minimal setup
- Uses standard window HID driver for communications. No third party device drivers required
- Compliant with Human Interface Device (HID) standards
- Built-in 6-foot cable with standard USB connector

#### RS-232 (Serial Interface)

- Ideal for applications needing full communication to and from device
- Software interface required to view card data
- Interfaces with existing serial applications
- Standard ASCII message format offers maximum flexibility for application integration
- 9-pin serial connector

#### Keyboard Wedge

- Ideal for use with PCs that have no available serial port
- No software interface required to view card data
- Transfer of card data via a link between keyboard port and keyboard
- Raw data transferred to your computer and displayed on screen as if keyed in manually
- Available with traditional 6 pin or 5 pin DIN connector

\*Features apply to both Mini & Full-Size Swipe Readers