

### Overview

#### HP Mini Magnetic Strip Reader



### Models

HP Mini Magnetic Strip Reader

FK186AA

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### Introduction

Specifically designed for Point of Sale (POS) locations where space is at a premium, the HP Mini Magnetic Stripe Reader (MSR) is a fully intelligent swipe reader that can be programmed to divide, rearrange, edit and validate fields of magnetic card data.

The HP Mini MSR reads up to three tracks of information with a single swipe of a magnetic stripe card in any direction. The beeper and LED signal a successful read. It automatically distinguishes between formats. At just 3.5 inches long - about the length of a credit card - the HP Mini MSR has a very small footprint. It can be used as a freestanding unit or can be mounted using screws, Velcro, or mounting brackets. The mounting brackets included in the kit allow the MSR to be attached to the HP touch screen monitor or any HP flat panel with the accessory rails.

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### Key Features and Benefits

- Ideal for retail environments where counter space is limited, only 3.5 inches long
- Automatically distinguishes between magnetic data formats
- Reads up to three tracks of information with a single swipe of a magnetic card
- Quick and easy card scanning with bi-directional read capabilities
- Can be used as a free-standing unit, mounted to a surface\*, or attached to an HP touch screen or flat panel monitor with accessory rails\*\*

\* Velcro and screws provided

\*\* Mounting brackets provided

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### Compatibility

The HP Mini MSR is compatible with the HP Point of Sale Systems.

**NOTE:** Not all models are available in all regions.

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### Service and Support

Three (3) year limited warranty with advance exchange when purchased from HP. Additional HP Care Pack Services options are available to extend warranty coverage.

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### Technical Specifications

<b>General</b>	<b>Magnetic stripe formats</b>	ISO 7811, AAMVA
	<b>Card thickness</b>	0.015 to 0.045 in (0.38 to 1.14 mm)
	<b>Indicators</b>	Tri- colored LED, beeper
<b>Mechanical</b>	<b>Dimensions (LxWxH)</b>	3.5 x 1.3 x 1.1 in (9 x 3.4 x 2.8 cm)
	<b>Weight</b>	4.6 oz (130g)
	<b>Cable Length</b>	6 ft (1.83 m)
	<b>Slot width</b>	0.45 in (0.114 cm)
	<b>Color</b>	HP Carbonite
<b>Interface/Connection</b>	<b>Interface</b>	USB 2.0
	<b>Connection</b>	Type A
<b>Power</b>	<b>Voltage</b> (typical)	5 VDC +/- 10%, 50mV ripple max
	<b>Current consumption</b> (typical)	40mA max
<b>Drivers</b>	Windows® native, OPOS, JPOS	
<b>Operating Systems (compatible with)</b>	Windows 10 (32-bit and 64-bit)	
	Windows 10 IoT (32-bit and 64-bit)	
	Windows 8	
	Windows 7 Professional (32-bit and 64-bit)	
	Windows Embedded POS Ready 2009	
<b>Reliability</b>	1,000,000 card swipes minimum	
<b>Agency Certifications</b>	FCC Class A, UL, CE, CISPR22, VCCI, WEEE, WHQL, USB-IF, RoHS	
<b>Option kit contents</b>	HP Mini MSR, screws, Velcro, mounting brackets, and the Options Warranty Manual.	

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### Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		
June 15, 2016	From v6 to v7	Added	Windows 10 and Windows IoT, product image, change summary box.
		Modified	Footer with Concentra number, date and version number
		Removed	Documentation CD.

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