

Overview

HP POS Keyboard with MSR



Models

HP POS Keyboard with MSR

FK218AA

Introduction

Featuring a full QWERTY layout in a compact 14-inch form factor, the HP USB POS Keyboard offers optimum space efficiency in retail environments with limited room. Its robust design also offers spill and dust-resistant keys.

The HP USB POS Keyboard with MSR is programmable, with 28 configurable keys for easy layout configuration and allows the user to define repetitive data input and eliminate keystrokes. There is also the option to program all keys providing convenient data access.

The Lifetime of the 3-track MSR reader is 1 million reading cycles. The MSR assembly is positioned at the inner side of the keyboard towards the user. The MSR slot allows for bi-directional swipe.

Overview

Key Benefits

- Allows retailers to maximize counter space with its compact 14" size
- Quick and easy connection to the POS system with USB 2.0 plug and play capability
- Touchpad with two mouse buttons
- Durable design with IP54 spill and dust resistant key area
- Integrated 3-track magnetic stripe reader with bi-directional swipe, LED, and buzzer indicators

Compatibility

The HP POS Keyboard with MSR is compatible with HP Retail Point of Sale Systems

NOTE: Not all HP Retail system models are available in all regions.

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.

Technical Specifications

General	Touchpad	1000 dpi
	Cable length	1.85m (6 ft)
	Keys	106 total, programmable, 28 relegendable, Key Section IP54
	Key Layout	QWERTY
	Keyswitch Lifetime	25 million operations
Mechanical	Dimensions (WxDxH)	14.2 x 7.8 x 1.5 in (36.0 x 19.8 x 3.8 cm)
	Weight	3.1lbs (1.4 kg)
	Color	Black
Interface/Connection	Interface	USB
	Connection	Type A
Power	Power Consumption	50 mA max
	Operating Voltage	5VDC +/- 5% SELV typical
Temperature Range	Operating	32° to 104° F (0 to 40° C)
	Non-operating	22° to 149° F (-30° to 65° C)
Humidity (non-condensing at ambient)	Operating	10% r.h. to 85% r.h. (non-condensing at ambient)
	Non-operating	10% r.h. to 95% r.h. (non-condensing at ambient)
Altitude (unpressurized)	Operating	0 to 10,000 ft (3,048 m)
	Non-operating	0 to 30,000 ft (9,144 m)
Climate	Operating	DIN IEC 721-3 class 3K3 40° C, 85% r.h. (corresponding to a dew point at plus 37° C)
Integrated MSR	Reads	1,2,or 3 tracks of magnetic information
	Slot	Bidirectional swipe
	Indicators	LED and Buzzer
	Swipe Speed	3-125 inch/swipe at 75 bit/inch 3-50 inch/swipe at 210 bit/inch
	Slot Width	2mm
Drivers	Windows native, OPOS, JPOS	
Operating Systems (Compatible with)	Windows <ul style="list-style-type: none">Windows 10 IoT Enterprise for Retail, 64-bitWindows 10 Pro, 64-bitWindows 8.1 Professional, 64-bitWindows Embedded Industry 8.1 Pro Retail, 64-bitWindows 7 Professional, 32-bit and 64-bitWindows Embedded POSReady 7, 32-bit and 64-bitWindows Embedded POSReady 2009	
	Linux <ul style="list-style-type: none">Red Hat/CentOS 6 and 7, 32-bit and 64 bitSuse Linux® Enterprise POS 11 SP3, 32-bit and 64-bitUbuntu 14.04 LTS, 32-bit and 64-bit	
Option kit contents	HP POS Keyboard with MSR, Keycap removal tool	

Summary of Changes

Date of change:	Version History:		Description of change:
11/10/2016	From v1 to v2		Created new
February 22, 2017	From v8 to v9	Removed	32 bits from Windows 8.1 Pro & Windows Embedded 8.1 Pro Retail in OS support section
May 24, 2017	From v9 to v10	Added	Commas before the 32/64-bit in the OS support section
August 29, 2024	From v10 to v11	Changed	Format
December 4, 2024	From v11 to v12	Changed	Power section

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