

Overview



Model

HP Presentation Barcode Scanner

Part Number: QY439AA

Introduction

The HP Presentation Barcode Scanner is a sleek POS solution that features a user-friendly design, small footprint, and efficient capture of a wide range of 1D and 2D barcodes, including barcodes presented on mobile devices, all at a competitive price point. This all-new general purpose on-counter presentation scanner can be mounted to most surfaces and delivers automatic movement recognition and hand-free operation.

Key Features and Benefits

- Reads most common 1D and 2D barcodes, PDF codes and GS1 DataBar for a range of flexible uses.
- Omni-directional operation allows symbol or image capture regardless of the orientation of the scanner for quicker reading.
- Enhanced motion tolerance and technology allow quick reading of barcodes from mobile devices.
- Intuitive feedback following a successful read indicated by a sound and shown by a visual green light shown on the device.
- Scanner is able to read poorly printed or damaged barcodes successfully for quicker checkout.
- Fixed mounting plate allows the scanner to be mounted to most surfaces to help decrease the likelihood of being dropped or knocked over a counter.

Compatibility

The HP Presentation Barcode Scanner is compatible with HP Retail Point of Sale Systems.

NOTE: Not all Point of Sale system models are available in all regions.

Service and Support

Your HP Peripheral Limited Warranty is a three (3) year (HP Option Limited Warranty Period) parts replacement warranty.

Technical Specifications

General

Scanner type	Imager
Light source	LEDs
Nominal working distance	<u>Depth of Field</u> Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

1D Linear Codes

- 5 mils: 0 to 2.5 cm / 0 to 1.0 in
- 7.5 mils: 0 to 8.2 cm / 0 to 3.25 in
- 10 mils: 0 to 12.7 cm / 0 to 5.0 in
- 13 mils UPC: 0 to 15.2 cm / 0 to 6.0 in

2D Linear Codes

- 6.6 mils PDF: 3.8 to 7.6 cm / 0 to 3.0 in
- 10 mils Data Matrix: 0.64 to 3.1 cm / 0.25 to 1.25 in
- 10 mils PDF: 0 to 12.7 cm / 0 to 5.0 in
- 15 mils PDF: 0 to 15.2 cm / 0.0 to 6.0 in
- 24 mils Data Matrix: 0 to 12.7 cm / 0 to 5.0 in

Print contrast 25% minimum reflectance

Roll (tilt) ± 0-360°

Pitch ± 60°

Skew ± 60°

1D/2D decode symbologies Factory Default Barcodes*

CODE 39
CODE 93
CODE 128
DataMatrix
EAN-8
EAN-13
GS1 DataBar Expanded
GS1 Databar Omni-directional
PDF417
UPC-A
UPC-E

*HP factory setting has these code selections enabled by default.

Scan Specifications Scan Rate = ~1456 scan lines/second**

Scan Pattern = 140 scan lines**

** These stats decline in pharmacy mode

Mechanical

Technical Specifications

Dimensions (W x D x H)	3 x 6 x 4 in (.76 x 1.52 x 1.01 cm)
Weight	Approximately 10 ounces (295 g)
Cable length	6.5 ft (1.9 m)
Color	Black

Interface/Connection

Cable	USB
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Temperature

Operating	32 to 104 °F (0 to 40 °C)
Storage/transport	-40 to 158 °F (-40 to 70 °C)
Humidity (non-condensing)	5 - 95%

Power

Voltage & current	Input Current at 5V = <350 mA (max) Idle Current at 5V = <250 mA (max)
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Drivers

Windows UBB HID-KB and OPOS & JPOS (via USB-COM mode drivers)

Operating System

Compatible with:	Genuine Windows Vista® Business 32 Genuine Windows XP Professional Genuine Windows Embedded for Point of Service (WEPOS) Genuine Windows Embedded POSReady 2009 Genuine Windows Embedded POSReady 7 32 bit Genuine Windows Embedded POSReady 7 64 bit Genuine Windows 7 Business 32 Genuine Windows 7 Business 64
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Agency Certifications

C-Tick, VCCI, CSA, CE, FCC

Option Kit Contents

HP Presentation Barcode Scanner, USB Cable, HP Point of Sale System Software and Documentation CD.

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