

Overview

HP Linear Barcode Scanner



Model

HP Linear Barcode Scanner

Part Number: QY405AA

Introduction

The HP Linear Barcode Scanner takes function and comfort in a scanner design to the next level with a handheld scanner designed to read most common 1D barcodes, discern poorly printed or damaged barcodes, and successfully read barcodes from mobile devices. With flexibility to use by hand or in the presentation stand, your associates can be more productive at the checkout and deliver an efficient customer experience.

Key Features and Benefits

- Decodes most common 1D barcodes including GS1 DataBar linear codes.
- 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 green light on the scanner. This allows for quick and accurate scanning and improved productivity.
- Scanner is able to read poorly printed or damaged barcodes successfully for quicker checkout.
- Scanner can be used as a handheld device or stored in the stand and operated hands-free for operational flexibility.

Overview

Compatibility

The HP Linear 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

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

Linear Imager	Linear Imager
Light source	LEDs (RED)
Nominal working distance	Depth of Field Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

- 4 mils: 2.0 to 11.0 cm / 0.8 to 4.3 in
- 5 mils: 1.5 to 15.0 cm / 0.6 to 6.0 in
- 7.5 mils: 0.8 to 25.0 cm / 0.3 to 10.0 in
- 10 mils: 0.8 to 38.0 cm / 0.3 to 15.0 in
- 13 mils: 1.9 to 45.0 cm / 0.7 to 18.0 in
- 20 mils: 2.5 to 65.0 cm / 1.0 to 26.0 in

Print contrast 15% minimum reflectance

Roll (tilt) ± 45°

Pitch ± 65°

Skew ± 65°

1D decode symbologies Factory Default Barcodes*

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

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

1D decode symbologies Factory Disabled Barcodes**

ABC CODABAR
 Codabar
 CODE 11
 CODE 32
 CODE 39 CIP
 CODE 39 Trioptic
 Follet 2 of 5
 GS1 DataBar Limited
 Industrial 2 of 5
 Interleaved 2 of 5
 ISBT 128
 MSI

Technical Specifications

Plessey
Standard 2 of 5

**** Refer to the HP Product Reference Guide to manually enable the code of choice**

Mechanical

Dimensions (W x D x H)	2.6 x 6.7 x 2.8 in (.66 x 1.71 x .71 cm)
Weight	Approximately 5.2 ounces (147.3 g); Scanner 4.2 ounces (119 g) + Cable 1.0 ounce (28.3 g)
Cable length	6.5 ft (1.9 m)
Color	HP Black

Interface/Connection

Cable	USB
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Temperature

Operating	32 to 122 °F (0 to 50 °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 = 190 mA max
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Drivers

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

Operating System

Compatible with:	Windows 10 (32-bit) Windows 10 (64-bit) Windows 10 IoT (32-bit) Windows 10 IoT (64-bit) Windows 8.1 Professional (32-bit) Windows 8.1 Professional (64-bit) Windows Embedded 8.1 Windows 7 Business (64-bit) Windows Embedded POS Ready 7 (64-bit) Windows Embedded POS Ready 2009
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Agency Certifications

Technical Specifications

C-Tick, KCC, BSMI, VCCI, CSA, CE, FCC

Option Kit Contents

HP Linear Barcode Scanner, Scanner Stand, USB Cable.

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		
July 1, 2015	From v3 to v4	Added	Windows 8.1 Professional 32/64 support, Pub ID,
		Removed	Genuine from OS compatibility, Windows 32 Bit versions
June 14, 2016	From v4 to v5	Added	Windows 10, Windows 10 IoT
		Removed	Windows Vista, Windows XP, and WEPOS, Documentation CD
		Changed	Warranty statement

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