

### Overview

### HP Linear Barcode Scanner



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### Model

HP Linear Barcode Scanner

**Part Number:** QY405AA

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### 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.

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### 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.

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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

#### General

<b>Linear Imager</b>	Linear Imager
<b>Light source</b>	LEDs (RED)
<b>Illuminance range</b>	0 – 120,000 lux
<b>Nominal working distance</b>	Depth of Field Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

#### Typical Performance \*

Narrow Width	Depth of Field
4 mil Code 39	4.5-18.0 cm (1.7-7.1")
5 mil Code 39	2.0-18.0 cm (0.8-7.1")
7.5 mil Code 39	2.0-30.0 cm (0.8-11.8")
10 mil Code 39	2.0-44.0 cm (0.8-17.3")
13 mil EAN	2.0-58.0 cm (0.8-22.8")
20 mil Code 39	up to 75.0 cm (up to 29.2")

<b>Print contrast</b>	15% minimum reflectance
<b>Roll (tilt)</b>	± 45°
<b>Pitch</b>	± 65°
<b>Skew</b>	± 65°
<b>1D decode symbologies</b>	<u>Factory Default Barcodes*</u>  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.

<b>1D decode symbologies</b>	<u>Factory Disabled Barcodes**</u>  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 Plessey
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### Technical Specifications

Standard 2 of 5

\*\* Refer to the [HP Product Reference Guide](#) to manually enable the code of choice

#### Mechanical

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

#### Interface/Connection

<b>Cable</b>	USB
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#### Temperature

<b>Operating</b>	32 to 122 °F (0 to 50 °C)
<b>Storage/transport</b>	-40 to 158 °F (-40 to 70 °C)
<b>Humidity (non-condensing)</b>	5 - 95%

#### Power

<b>Voltage &amp; current</b>	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)

#### Reliability

**Water Penetration Protection** IP42

#### Operating System

<b>Compatible with:</b>	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

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

#### Option Kit Contents



### Technical Specifications

HP Linear Barcode Scanner, Scanner Stand, USB Cable.

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### 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
August 22, 2017	From v5 to v6	Added	Reliability section
		Changed	General section

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