

Overview

HP Imaging Barcode Scanner



Model

HP Imaging Barcode Scanner

BW868AA

Introduction

Used in conjunction with HP Point of Sale Systems, the HP Imaging Barcode Scanner offers an enhanced feature set to improve information collection.

Durable design, enhanced performance capabilities and improved motion tolerance maximize the transaction experience for both retailers and their customers.

Overview

Key Features and Benefits

- Decodes most common 1D and 2D barcodes; camera mode imager captures labels or signatures for enhanced data collection
- Omnidirectional 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 both a green light on the scanner as well as a visual change from the red aiming pattern to a green dot. This allows for quick and accurate scanning and improved productivity.
- Scanner can be used as a handheld device or stored in the stand and operated hands-free for operational flexibility

Compatibility

The HP Imaging Barcode Scanner is compatible with the HP 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.

Country of Origin

Vietnam

Technical Specifications

General	Scanner Type	Omnidirectional
	Sensor	Wide-VGA CMOS Digital Imaging
	Light source	LEDs
	Nominal working distance	Depth of Field CODE 39 5mil: 1.6" - 7.5" (4 - 19 cm) 10mil: 0.4" - 11.8" (1.0 - 30 cm) 20mil: up to 17.7" (45 cm) EAN/UPC 13mil: 0.6" - 15.7" (1.5 - 40 cm) 7.5mil: 0.5" - 10.6" (2.0 - 27cm) PDF-417 6.6mil: 11.0" - 5.9" (2.5 - 15cm) 10mil: 0.2" - 8.6" (0.5 - 22cm) 15mil: 0.6" - 13.4" (1.5 - 34cm) DataMatrix 10mil: 0.8" - 6.3" (2.0 - 16cm) 15mil: 0 - 9.3" (0 - 23.6cm) QR Code 10mil: 1.2" - 4.9" (3 - 12.5cm) 15mil: 0 - 7.5" (1 - 19.0cm)
	Print contrast	25% minimum reflectance
	Roll (tilt)	± 180°
	Pitch	± 40°
	Skew	± 40°
	1D/2D Decode Symbologies	Factory Default Barcodes CODE 128* CODE 39* CODE 93* DataMatrix* EAN-13* EAN-8* GS1 DataBar Expanded* GS1 Databar Omnidirectional* PDF417* QR Codes* UPC-A* UPC-E*
	1D/2D Decode Symbologies	Factory Disabled Barcodes (Refer to the HP Product Reference Guide to manually enable the code of choice) ABC CODABAR Aztec China Sensible Code Codabar CODE 11 CODE 32 CODE 39 CIP

Technical Specifications

- CODE 39 Trioptic
- Danish PPT
- GS1 DataBar Limited
- Industrial 2 of 5
- Interleaved 2 of 5
- ISBT 128
- La Poste
- Maxicode
- Micro PDF417
- MSI
- Plessey
- Postal Codes
 - Australian Post
 - Japanese Post
 - KIX Post
 - Planet Code
 - Postnet
 - Royal Mail Code
 - Intelligent Mail Barcode
 - Sweden Post
 - Portugal Post

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Mechanical	Dimensions (LxWxH)	4.9 x 2.8 x 7.1 (100 x 71 x 181 mm)
	Weight	Approximately 8.0 ounces (226.7g); Scanner 6.9 ounces (195.6g) + Cable 1.0 ounce (28.3g)
	Cable Length	6.5 ft (1.9 m)
	Color	Black
Interface/Connection	Cable	USB 2.0
Power (voltage & current)		Input Current at 5V = 350 mA (max) Idle Current at 5V = 65 mA max
Drivers		Windows Native, USB-COM
Operating Systems (Compatible with)	Windows	Windows 10 IoT Enterprise for Retail (64-bit) Windows 10 Pro (64-bit) Windows 8.1 Professional (64-bit) Windows Embedded Industry 8.1 Pro Retail (64-bit) Windows 7 Professional (32-bit and 64-bit) Windows Embedded POSReady 7 (32-bit and 64-bit) Windows Embedded POSReady 2009
	Linux	Red Hat/Cento OS 6 and 7 (32-bit and 64-bit) Suse Linux® Enterprise POS 11 SP3 (32-bit and 64-bit) Ubuntu 14.04 LTS (32-bit and 64-bit)
Agency Certifications		C-Tick, KCC, BSMI, VCCI, CSA, CE, FCC
Option kit contents		HP Imaging Barcode Scanner, Scanner Stand, USB Cable.

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		
April 15, 2015	From v5 to v6	Added	Windows 8.1 support
July 1, 2015	From v6 to v7	Added	Windows 8.1 Professional 32/64, and Windows Embedded support
		Removed	Genuine from Windows products
June 14, 2016	From v7 to v8	Added	Windows 10, Windows 10 IoT
		Changed	Warranty statement
		Removed	WEPOS, Vista, Windows XP, Documentation CD
February 22, 2017	From v8 to v9	Changed	Operative Systems, Drivers and Mechanical sections
		Removed	4 th bullet feature from Overview

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