QuickSpecs

Overview

HP Engage Imaging Barcode Scanner II

Model

HP Engage Imaging Barcode Scanner II   5YQ08AA

Introduction

Used in conjunction with HP Point of Sale Systems, the HP Engage Imaging Barcode Scanner II 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

Overview

Compatibility

The HP Engage Imaging Barcode Scanner II 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.

QuickSpecs

Technical Specifications

General

Scanner Type	Omnidirectional Imager
Source	1 Megapixel: 1280 x 800 pixel
Light source	LEDs
Depth of Field	**Typical Performance ***

Narrow Width	**Depth of Field**
Code 39	5 mils: 7.0 to 38.0 cm (2.7 to 14.9 in)
Code 39	10 mils: 2.2 to 58.0 cm (0.8 to 22.8 in)
Data Matrix	10 mils: 5.5 to 27.0 cm (2.2 to 10.6 in)
Data Matrix	15 mils: 2.8 to 41.0 cm (1.1 to 16.1 in)
EAN-13	13 mils: 1.0 to 71.0 cm (0.4 to 27.9 in)
PDF-417	10 mils: 2.5 to 41.0 cm (1.0 to 16.1 in)
QR Code	10 mils: 5.5 to 24.0 cm (2.2 to 9.5 in)

Symbol Contrast	15% minimum reflectance
Roll (tilt)	360°
Pitch	± 65°
Skew	± 65°

1D decode symbologies

Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.

2D decode symbologies

Aztec Code
China Han Xin Code
Data Matrix
MaxiCode
Micro QR Code
QR Code

Postal decode symbologies

Australian Post
British Post
China Post
IMB
Japanese Post
KIX Post
Planet Code
Postnet
Royal Mail Code (RM4SCC)

Stacked decode symbologies

EAN/JAN Composites
GS1 DataBar Composites
GS1 DataBar Expanded Stacked
GS1 DataBar Stacked
GS1 DataBar Stacked Omnidirectional
MacroPDF
MicroPDF417
PDF417
UPC A/E Composites

Technical Specifications

Mechanical

Dimensions (L x W x H)	16.6 x 6.8 x 10.9 cm (6.5 x 2.7 x 4.3 in)
Weight	161.0 g (5.7 oz)
Cable length	2 m (6.5 ft)
Color	Black

Interface/Connection

Interface	USB

Temperature

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

Power

Standby Current	< 90 mA @ 5V
Operating	<300 mA @ 5V

Drivers

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

Reliability

Ambient Light	0 - 100,000 lux
Water Penetration Protection	IP52
Drop	1.8 m (6.0 ft)
ESD	16kV

Operating System

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

FCC Part15, Class B, CE EMC Class B, IEC62471, RoHS

Option Kit Contents

HP Engage Imaging Barcode Scanner II, Scanner Stand, USB Cable.

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		