

Overview

HP Value Barcode Scanner



Model

HP Value Barcode Scanner

4AK34AA

Introduction

Enable easy scanning from the store floor to the back office with HP Value Barcode Scanner, which reads a range of codes, including 1D/2D barcodes and codes from mobile devices.

Compatibility

The HP Value 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.

Technical Specifications

General

Scanner Type	2D Linear Imager
Light source	White LED
Resolution	≥4 mil
Depth of Field	

Typical Performance *

Narrow Width	Depth of Field
Code 39	50mm-125mm (1.9in-4.9in) (5 mils) 35mm-250mm (1.4in-9.8in) (10 mils)
EAN-13	60mm-230mm (2.4in-9.1in) (13 mil)
PDF417	55mm-75mm (2.2in-2.9in) (6.7 mils) 20mm-145mm (.78in-5.7in) (10 mil)
QR Code	25mm-80mm (.98in-3.1in) (10 mil) 10mm-135mm (.4in-5.3in) (15 mil)
Datamatrix	35mm-75mm (1.4in-2.9in) (10 mil) 15mm-115mm (.59in-4.5in) (15 mil)

Symbol Contrast	25% minimum reflectance
Roll (tilt)	360°
Pitch	± 45°
Skew	± 40°
1D decode symbologies	

EAN-8
 EAN-13
 UPC-E
 UPC-A
 Code 128
 UCC/EAN 128
 I2Of5
 ITF14
 ITF6
 Matrix 25
 CodaBar
 Code 39
 Code 93
 ISSN
 ISBN
 Industrial 25
 Standard 25
 Plessey
 Code 11
 MSI Plessey
 UCC/EAN Composite
 GS1 Databar
 China Post 25
 Code 49
 Code 16K

2D decode symbologies

PDF417
 QR Code
 Micro QR
 Data Matrix
 Aztec
 Maxicode

Technical Specifications

Postal decode symbologies	Chinese Sensible Code
	GM Code
	MicroPDF417
	Code One
	USPS Postnet
	Royal Mail
	KIX Post
	Australian Postal

Mechanical

Dimensions (L x W x H)	145 x 101 x 68 mm (5.7 x 3.97 x 2.7 in)
Weight	115 g (4.1 oz)
Cable length	2 m (6.5 ft)
Color	Black

Interface/Connection

Interface	USB
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Temperature

Operating	-4 to 140 °F (-20 to 60 °C)
Storage/transport	-40 to 158 °F (-40 to 70 °C)
Humidity (non-condensing)	5 ~ 95%

Power

Standby Current	58.6mA
Operating	165.8mA (typical), 170.2mA (max)

Drivers

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

Reliability

Water Penetration Protection	IP42
Drop	1.2 m (3.2 ft)
ESD	±8kV (direct discharge) ±15kV (air discharge)

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

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

Option Kit Contents

HP Value Barcode Scanner, Scanner Stand, USB Cable.

Summary of Changes

Date of change:	Version History:	Description of change:
February 20, 2019	From v1 to v2	Warranty updated
September 20, 2019	From v2 to v3	Service and Support updated
May 13, 2020	From v3 to v4	Specs updated

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