

Overview

HP Engage One Prime Barcode Scanner



Models

HP Engage One Prime Barcode Scanner

HP Engage One Prime White Barcode Scanner

4VW58AA/AT

4VW64AA/AT

Introduction

Deliver an efficient customer experience with the breathtaking HP Engage One Prime Barcode Scanner, HP's smallest, slimmest barcode scanner, designed to complement the HP Engage One Prime System. It reads mobile wallets, digital coupons, and printed barcodes and can be used by hand or in presentation mode

Overview

Service and Support

Rest easy that your IT investment is supported by a one-year standard limited warranty.

Technical Specifications

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 mils)
	QR Code	25mm-80mm (.98in-3.1in) (10 mils) 10mm-135mm (.4in-5.3in) (15 mils)
	Datamatrix	35mm-75mm (1.4in-2.9in) (10 mils) 15mm-115mm (.59in-4.5in) (15 mils)
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	
2D decode symbologies	Plessey Code 11 MSI Plessey UCC/EAN Composite GS1 Databar China Post 25 Code 49 Code 16K PDF417 QR Code Micro QR Data Matrix Aztec Maxicode Chinese Sensible Code GM Code MicroPDF417 Code One	

Technical Specifications

Postal decode symbologies

USPS Postnet
Royal Mail KIX Post
AustralianPostal

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	1.8 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)

Environmental

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% ~ 95% (non-condensing)
ESD	±8 KV (direct discharge); ±15 KV (air discharge)
Drop	1.2m
Sealing	IP42

Technical Specifications

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

Agency Certifications

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

Option Kit Contents

HP Engage One Prime Barcode Scanner, Scanner Stand, USB Cable.

Summary of Changes

Date of change:	Version History:	Description of change:
	From v1 to v2	Warranty updated
May 13, 2020	From v2 to v3	Specs updated
March 9, 2021	From v3 to v4	Environmental section

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