

### Overview

### HP Engage One Pro Barcode Scanner



### Model

HP Engage One Pro Barcode Scanner

9YH49AA

### Introduction

This integrated bar code scanner streamlines your checkout area, while offering placement options, acceptance of various barcodes and coupons, and enhanced features for an easier, more accessible checkout experience.

### Key Features and Benefits

- Enjoy a configurable, clutter-free scanning space. Our new integrated bar code scanner inserts into the left, right, or bottom of the HP Engage One Pro for a slick, seamless look.
- Quickly scan mobile wallets and digital coupons from customer mobile devices or printed 1D and 2D barcodes. Plus validate customer identity with passport OCR.
- Enable both employees and customers alike to scan items with ease. The unit reads bar codes when they're placed within 1" to 12" inches from the scanner.
- Minimize fatigue by adjusting the scan light for your ambient lighting conditions—lower the brightness in darker environments and increase in brighter environments.
- Choose to have the bar code scanner included when you purchase your HP Engage One Pro, or add it on later as you need the upgrade.\*
- Enjoy support for your retail operating system of choice. The HP Engage One Pro bar code scanner supports Windows 10, Windows IoT, Linux®, and Android-based systems.
- Rest easy that your IT investment is supported by a three year standard limited warranty.\*\*

\*Optional feature sold separately or as an add-on feature.

\*\*1- or 3-year limited warranty, depending on country.

### Compatibility

### Overview

The HP Engage One Pro Barcode Scanner is compatible with the HP Engage One Pro All-in-One system.

**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.

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### Technical Specifications

#### General

<b>Image Sensor</b>	1200 x 800 CMOS
<b>Illumination Aimer</b>	White LED
	Red LED 625±10 nm
<b>Depth of Field</b>	<b>Typical Performance *</b>
	<b>Narrow Width</b>
	<b>Depth of Field</b>
	EAN-13 75mm-400mm (13mil)
	Code39 105mm-250mm (5mil)
	PDF-417 80mm-225mm (6.7mil)
	Data Matrix 75mm-215mm (10mil)
	QR Code 45mm-295mm (15mil)
<b>Symbol Contrast</b>	25% minimum reflectance
<b>Roll (tilt)</b>	360°
<b>Pitch</b>	± 60°
<b>Skew</b>	± 60°
<b>Field of View</b>	Horizontal 42°, Vertical 28°
<b>1D decode symbologies</b>	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
<b>2D decode symbologies</b>	Aztec Code Chinese Sensible Code Code One Data Matrix GM Code MaxiCode MicroPDF417 Micro QR Code PDF417 QR Code
<b>Postal decode symbologies</b>	Australian Post KIX Post Royal Mail USPS Planet USPS Postnet
<b>OCR symbologies</b>	Passport OCR

### Technical Specifications

#### Mechanical

<b>Dimensions (W x D x H)</b>	30.7 x 45.0 x 10.1 mm (Maximum)
<b>Weight</b>	9.6g
<b>Color</b>	Black

#### Interface/Connection

<b>Interface</b>	USB
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#### Temperature

<b>Operating</b>	-20°C to 40°C (-4°F to 104°F)
<b>Storage</b>	-40°C to 70°C (-40°F to 158°F)
<b>Humidity (non-condensing)</b>	5% to 95%

#### Power

<b>Operating Voltage</b>	5VDC±5%
<b>Current at 5VDC</b>	Operating: 300mA (RMS typical), 450mA (RMS max.) Idle: <50mA Sleep: <1.5mA
<b>Rated Power Consumption</b>	1.5 W Typical

#### Drivers

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

#### Reliability

<b>Ambient Light</b>	0 - 100,000 lux
<b>Water Penetration Protection</b>	IP54

#### Operating System

<b>Compatible with:</b>	<b>Windows</b> Windows 10 Pro 64bit Windows 10 IoT Enterprise 2016 LTSC 64bit (RS1) Windows 10 IoT Enterprise 2019 LTSC 64bit (RS5)  <b>Linux</b> Red Hat/CentOS 5.6.8 and above (64 bit) Suse Linux Enterprise 11/12 SP3 and above (64 bit) Ubuntu 12.04/14.04 LTS and above (64 bit)  <b>Android</b> Android 8.0 and above
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#### Agency Certifications

FCC Part15, Class B, CE EMC Class B, IEC62471, RoHS, IEC 62368-1

#### Kit Contents

HP Engage One Pro Barcode Scanner, documentation, warranty card.

### Summary of Changes

Date of change:	Version History:		Description of change:
September 21, 2021	From v1 to v2	Changed	Technical Specifications section

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