

### Overview

### HP Engage One Prime Barcode Scanner



### Models

HP Engage One Prime Barcode Scanner

638L9AA/AT

HP Engage One Prime White Barcode Scanner

638M0AA/AT

### Introduction

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

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### Overview

### **Service and Support**

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

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### Technical Specifications

<b>Scanner Type</b>	2D Linear Imager	
<b>Light source</b>	White LED	
<b>Resolution</b>	≥4 mil	
<b>Depth of Field</b>	<b>Typical Performance *</b>	
	<b>Narrow Width</b>	<b>Depth of Field</b>
	Code 39:	50mm-115mm (5 mils)
	Data Matrix:	50mm-75mm (10 mils)
	EAN-13:	60mm-220mm (13 mil)
	PDF417:	55mm-75mm (6.7 mils)
	QR Code:	40mm-135mm (10 mils)
<b>Symbol Contrast</b>	25% minimum reflectance	
<b>Roll (tilt)</b>	360°	
<b>Pitch</b>	± 50°	
<b>Skew</b>	± 50°	
<b>1D decode symbologies</b>	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	
<b>2D decode symbologies</b>	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	
<b>Postal decode symbologies</b>	USPS Postnet Royal Mail KIX Post Australian Postal	

### Technical Specifications

#### Mechanical

<b>Dimensions (L x W x H)</b>	160 x 44 x 33 mm (6.3 x 1.7 x 1.3 in)
<b>Weight</b>	144 g (5 oz)
<b>Cable length</b>	1.8 m (6.5 ft)
<b>Color</b>	Black or white

#### Interface/Connection

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

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

#### Power

<b>Standby Current</b>	58.6mA
<b>Operating</b>	165.8mA (typical), 170.2mA (max)

#### Drivers

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

#### Environmental

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

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### Summary of Changes

<b>Date of change:</b>	<b>Version History:</b>		<b>Description of change:</b>
April 3, 2023	From v1 to v2	Changed	Introduction and Mechanical sections
April 6, 2023	From v2 to v3	Changed	Mechanical section
September 22, 2025	From v3 to v4	Changed	Mechanical, Pitch, Skew sections
October 16, 2025	From v4 to v5	Changed	Depth of Field section

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