

### Overview

### HP Engage One 2D Barcode Scanner



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### Model

HP Engage One 2D Barcode Scanner (Black)

1RL97AA

HP Engage One 2D Barcode Scanner (White)

3GS20AA

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### Introduction

Deliver an efficient customer experience with the breathtaking HP Engage One 2D Barcode Scanner, HP's smallest, slimmest barcode scanner, designed to complement the HP Engage One AiO System. It reads mobile wallets, digital coupons, and printed barcodes and can be used by hand or in presentation mode.

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### Key Features and Benefits

- Quickly scan mobile wallets and digital coupons from customer mobile devices or printed 1D and 2D barcodes. Intuitive feedback confirms a successful read.
  - Use the bold, modern scanner by hand with the comfortable grip, or set it in the compact, equally stylish stand for fixed-location scanning.
  - Plug the attached USB cable into your retail system and get room to maneuver with the extended 6.5-ft length.
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### Overview

#### **Compatibility**

The HP Engage One 2D Barcode Scanner is compatible with HP Engage One AiO Systems.

**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. Additional HP Care Pack Services options are available to extend warranty coverage.

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### Technical Specifications

#### General

<b>Scanner Type</b>	2D Imager
<b>Light source</b>	White LED
<b>Read Rate</b>	30 frames/second
<b>Nominal working distance</b>	Depth of Field Distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

#### Typical Performance \*

Narrow Width	Depth of Field
10 mil Code 39	27.94-330.2 mm (1.1-13.0")
10 mil Code 128	27.94-330.2 mm (1.1-13.0")
100% UPC-A	45.72-419.1 mm (1.8-16.5")
10 mil Aztec	53.34-203.2 mm (2.1-8.0")
6.7 mil PDF 417	45.72-182.88 mm (1.8 - 7.2")
10 mil DM**	53.34-203.2 mm (2.1 - 8.0")

\* Performance may be impacted by bar code quality and environmental conditions

\*\* Data Matrix (DM)

<b>Symbol Contrast</b>	35% minimum reflectance difference
<b>Roll (tilt)</b>	± 360°
<b>Pitch</b>	± 60°
<b>Skew</b>	± 70°
<b>1D decode symbologies</b>	UPC/EAN (A) UPC/EAN (E) UPC/EAN/ ( 13) UPC/EAN ( 8) Code 39 (Regular) Code 128 EAN 128 Code 93 GS1 Databar Omnidirectional GS1 DataBar Stacked GS1 DataBar Truncated GS1 Databar Expanded UPC/EAN/JAN (ISBN ) UPC/EAN/JAN (Bookland ) UPC/EAN/JAN ( ISSN) ISSN - 2 EAN 13/P2 (with 2 digits Add-On) EAN 13/P5 (with 5 digits Add-On) Code 39 (including full ASCII) Code39 CIP (French Pharmaceutical) Code 39 (trioptic) LOGMARS (Code 39 w/ standard check digit enabled) Code 32 (Italian Pharmacode 39) Interleaved 2 of 5 Standard 2of 5 Industrial 2 of 5 Code 11 (with two check digits) Code 11 (with one check digit)

### Technical Specifications

Codabar  
MSI  
PZN - Code 39  
GS1 DataBar Limited  
Codablock F

**2D decode symbologies** Datamatrix  
QR Codes (QR, Micro QR and Multiple QR Codes)  
PDF-417  
Aztec  
Maxicode  
Micro PDF417  
Datamatrix (2D inversed)  
Chinese Sensible Code  
GS1 DataBar Stacked Omni-directional  
GS1 DataBar Expanded Stacked  
Postal Codes  
Australian  
Japanese  
Planet  
Postnet  
Royal Mail

#### Mechanical

**Dimensions (L x W x H)** 125 x 44 x 76.8 mm (4.92 x 1.73 x 3.02 in)  
**Weight** 130 g (4.59 oz)  
**Cable length** 2m  
**Color** Ebony Black or Ceramic White

#### Interface/Connection

**Interface** USB

#### Temperature

**Operating** 32°F to 122°F (0°C to 50°C)  
**While Charging** 32°F to 104°F (0°C to 40°C)  
**Storage/transport** -40 to 158 °F (-40 to 70 °C)  
**Humidity (non-condensing)** 0 to 95% relative humidity

#### Power

**Idle Current** Standby/Idle (Typical): < 70mA  
**Input Voltage** 5V, 500mA

#### Drivers

Windows USB COM, OPOS, and JPOS

#### Operating System

**Compatible with:** **Windows**  
Windows 10 IoT Enterprise for Retail (64-bit)  
Windows 10 Pro (64-bit)

### Technical Specifications

#### Linux

Red Hat/Cento 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

C-Tick, KCC, BSMI, VCCI, CSA, CE, FCC

#### Option Kit Contents

HP Engage One 2D Barcode Scanner with attached 6.5 ft (2M) USB cable, Scanner Stand.

Date of change:	Version History:		Description of change:
January 14, 2018	From v1 to v2	Added	New part number and model colors
August 1, 2018	From v2 to v3	Changed	Product name

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