

Overview

HP Engage One Pro Fingerprint Reader



Model

HP Engage One Pro Fingerprint Reader

9YH50AA

Introduction

Speed up and simplify the employee log-in process, while ensuring maximum accuracy and security. Our fingerprint reader integrates seamlessly into the HP Engage One Pro for easy and effective checkout security.

Key Features and Benefits

- Eliminate checkout area clutter with our new space-saving design. The fingerprint reader cleanly integrates into the bottom left side of the HP Engage One Pro for a sleek and functional solution.
- Reduce opportunities for theft, while enabling secure and highly accurate employee log-in. Detects fingerprints whether the unit is active, in stand by, or even deep sleep mode.*

Overview

- Choose to have the fingerprint reader included when you purchase your HP Engage One Pro, or to add it on later as you need the upgrade.*
- Enjoy support for your retail operating system of choice. The HP Engage One Pro fingerprint reader supports Windows 10, Windows 10 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

The HP Engage One Pro Fingerprint Reader 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.

Service and Support

Three (3) year limited warranty with advance exchange when purchased from HP.

Technical Specifications

General

Sensor Type	Capacitive
Array Size	208 x 288 pixels
Image Resolution	508 DPI
Gray Scale	8-bit (256 levels)

Mechanical

Image Area	10.4 x 14.4 mm
Image/Coating	Steel Coat
Color	HP Black

Digital ID Reliability

NVM Storage	100 templates
Data Retention	20 years
Erase/Write	100,000 cycles

Interface/Connection

Interface	USB 2.0
Interface Connector	5 pin, 0.8mm pitch wire-type (gold-plated)

Temperature

Operating	-30° to +85°C
Storage	-40°C to +85°C
Humidity (non-condensing)	5% to 85%
ESD Tolerance	IEC 61000-4-2 Level 4

Power

Consumption	Supply voltage: single supply voltage, 3.0V to 3.6V Imaging mode: 105 mA @ 3.3V Sleep mode: 1350 uA @ 3.3V
Wake-up Time	< 15 ms (Sleep to imaging)

Drivers

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

Operating System

Compatible with:	Windows 10 Professional (64-bit) Windows 10 IoT Enterprise 2019 LTSC (64-bit) Windows 10 IoT Enterprise 202x LTSC (64-bit) Windows Server 2016 Standard Windows Server 2019 Standard
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Technical Specifications

FreeDos 3.0
Ubuntu Desktop 18.04 LTS
CentOS 7

Agency Certifications

FCC (47 CFR) Part 15C, Section 15.247 & 15.249

Kit Contents

HP Engage One Pro Fingerprint Reader, documentation, warranty card.

Summary of Changes

Date of change:	Version History:		Description of change:
	From v1 to v2		

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