Overview

HP ElitePOS 2D Barcode Scanner

Model

HP ElitePOS 2D Barcode Scanner   1RL97AA

Introduction

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

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.

QuickSpecs

Overview

Compatibility
The HP ElitePOS 2D Barcode Scanner is compatible with HP ElitePOS G1 Retail Point of Sale Systems.

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

Technical Specifications

General

Scanner Type	2D Imager
Light source	White LED
Read Rate	30 frames/second
Nominal working distance	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)

Symbol Contrast	35% minimum reflectance difference
Roll (tilt)	± 360°
Pitch	± 60°
Skew	± 70°
1D decode symbologies	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

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

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