Overview

Datalogic Magellan 3450VSi Presentation Scanner



Model

Datalogic Magellan 3450VSi Presentation Scanner	7UZ38AA

Introduction

Used in conjunction with HP Point of Sale Systems, the Datalogic Magellan 3450VSi Presentation Scanner offers a reduction in the brightness of the illumination while improving throughput, depth of field, and speed to read.

The Datalogic Magellan 3450VSi scanner also has a large, intuitive scan zone, enabling comfortable and efficient sweep scanning.

Key Features and Benefits

- Seamless 1D, 2D and Digimarc® digital watermark reading.
- Soft, modifiable illumination for user comfort.

Overview

Compatibility

The Datalogic Magellan 3450VSi Presentation Scanner is compatible with HP Retail Point of Sale Systems.

NOTE: Not all Point of Sale system models are available in all regions.

Warranty

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

Technical Specifications

General

Scanner Type	Omnidirectional Imager
Source	1280 x 1024 pixel
Light source	Multiple diffused LEDs
Depth of Field	**Typical Performance ***

Narrow Width	**Depth of Field**
1D / Linear Codes	5 mils: 3.8 to 8.1 cm (1.5 to 3.2 in) 7.5 mils: 1.3 to 11.4 cm (0.5 to 4.5 in) 10 mils: 0 to 15.2 cm (0 to 6.0 in) 13 mils: 0 to 20.3 cm (0 to 8.0 in)
2D Codes	PDF 6.6 mils: 3.8 to 10.2 cm (1.5 to 4.0 in) PDF 10 mils: 0 to 12.7 cm (0 to 5.0 in) Data Matrix 10 mils: 1.3 to 6.4 cm (0.5 to 2.5 in) Data Matrix 20 mils: 0 to 18.0 cm (0 to 7.0 in)

Symbol Contrast	25% minimum reflectance
Roll (tilt)	360°
Pitch	± 65°
Skew	± 75°
1D decode symbologies	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D decode symbologies	Aztec Code Data Matrix (ECC200 only) MaxiCode
Stacked decode symbologies	GS1 DataBar Composites GS1 DataBar Expanded Stacked GS1 DataBar Stacked GS1 DataBar Stacked Omnidirectional MicroPDF417 PDF417
Digital Watermarking	Optional support for Digimarc Barcodes/GS1 DW Code

Mechanical

Dimensions (L x W x H)	13.7 x 15.2 x 9.4 cm (5.4 x 6.0 x 3.7 in)
Weight	0.6 kg (1.3 lb)
Cable length	3.66 m (12 ft)
Color	Black

Interface/Connection

Interface	PUSB

Temperature

Operating	0 to 40 °C (32 to 104 °F)
Storage/transport	-40 to 70 °C (-40 to 158 °F)
Humidity (non-condensing)	5 - 95%

Technical Specifications

Power

Operating (Maximum)	3.8 Watts

Drivers

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

Reliability

Water Penetration Protection	IP52
ESD Protection	25 kV

Operating System

Compatible with:	Windows Linux

Agency Certifications

IEC62471

Kit Contents

Datalogic 3450VSi Presentation Scanner, Table/Wall Mount, USB Cable, Documentation.

Summary of Changes

Date of change:	Version History:		Description of change:
November 8, 2021	From v1 to v2	Changed	Branding Name
November 9, 2021	From v2 to v3	Changed	Format page 4

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