QuickSpecs

Overview

Datalogic Magellan 1500i Presentation Scanner

Model

Datalogic Magellan 1500i Presentation Scanner	9BU50AA
Datalogic Magellan 1500i White Presentation Scanner	9BU51AA

Introduction

The Magellan 1500i is a high performance presentation scanner from Datalogic for a variety of applications including retail point of sale, pharmacy and customer service.

Overview

Key Features and Benefits

- Seamlessly reads 1D and 2D bar codes, whether printed or displayed on mobile phone, laptop or tablets.
- Optional Digimarc® Barcode decoding.
- Subtle, adaptive illumination for user comfort.
- Compact, ergonomic design is ideal for hands-free or hand held operations
- Datalogic's 'Green Spot' technology for good-read feedback
- Adjustable stand

Overview

Compatibility

The Datalogic Magellan 1500i 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 with advance exchange when purchased from HP.

Technical Specifications

General

Scanner Type	Omnidirectional Imager
Source	1 Megapixel: 1280 x 800 pixel
Light source	LEDs

Depth of Field	**Typical Performance ***	
	Narrow Width	**Depth of Field**
	1D/Linear Codes	5 mils: 2.5 to 9.0 cm (0.9 to 3.5 in)
		7.5 mils: 0 to 17.0 cm (0 to 6.6 in)
		10 mils: 0 to 21 cm (0 to 8.2 in)
		UPC: 13 mils: 0 to 25.0 cm (0 to 9.8 in)
		20 mils: 1.0 to 30.0 cm (0.4 to 11.8 in)
	2D Codes	PDF: 6.5 mils: 2.5 to 11.0 cm (0.9 to 4.3 in)
		Data Matrix: 13 mils: 0 too 17.0 cm (0 to 6.7 in)
		PDF: 16 mils: 0 to 2.0 cm (0 to 7.8 in)
		Data Matrix: 24 mils: 0 to 25.0 cm (0 to 9.8 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 MaxiCode QR Code
Postal decode symbologies	Australian Post British Post Canadian Post China Post IMB Japanese Post KIX Post Planet Code Portuguese Post Postnet Royal Mail Code (RM4SCC) Swedish Post
Stacked decode symbologies	GS1 DataBar Composites GS1 DataBar Expanded Stacked GS1 DataBar Stacked GS1 DataBar Stacked Omnidirectional Micro PDF417 PDF417

Mechanical

Technical Specifications

Dimensions (L x W x H)	6.0 x 7.5 x 15.0 cm (2.4 x 3.0 x 5.9 in)
Weight	240.0 g (8.5 oz)
Cable length	2 m (6.5 ft)
Color	Black, White

Interface/Connection

Interface	USB-A

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%

Power

Standby Current	< 300 mA
Operating	< 500 mA

Drivers

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

Reliability

Ambient Light	0 to 86,100 lux
Water Penetration Protection	IP52
Drop	1.2 m (4.0 ft)
ESD	25 kV

Operating System

Compatible with:	**Windows**
	Windows 10 IoT Enterprise for Retail (64-bit)
	Windows 10 Pro (64-bit)
	Windows 8.1 Professional (64-bit)
	Windows Embedded Industry 8.1 Pro Retail (64-bit)
	Windows 7 Professional (32-bit and 64-bit)
	Windows Embedded POSReady 7 (32-bit and 64-bit)
	Windows Embedded POSReady 2009
	Linux
	Red Hat/Cento OS 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

IEC62471

Kit Contents

Datalogic Magellan 1500i, Tall Tilting Stand, 2 m (6.5 ft) USB-A Cable.

Summary of Changes

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