Honeywell

MS9540 Voyager*CG*

Single-Line Laser Scanner

Honeywell's MS9540 VoyagerCG® hand-held, single-line laser scanner offers aggressive scanning of all standard 1D bar codes.

The Voyager series of hand-held, single-line scanners have united form with function in becoming the industry benchmark for value and performance.

This sleek scanner features patented automatic infrared activation and decodes all standard 1D bar codes, including GS1 DataBar™ (formerly known as RSS codes).

VoyagerCG also includes patented CodeGate® technology which allows the user to easily target the desired bar code and complete data transmission with the press of a single button.

For presentation scanning, Honeywell offers a stand with automatic in-stand detection technology

The MS9541 VoyagerHD™ is ideal for applications that require high-density scanning, delivering quick and accurate scanning of 1D bar codes as small as 3 mil.

Expand scanner functionality by purchasing the MS9544 VoyagerPDF™, which delivers aggressive scanning of all standard 1D bar codes including PDF.

For more information on the MS9540 VoyagerCG single-line laser scanner, please visit www.honeywell.com/aidc

Features

- **Automatic Trigger:** Use scanner as either a hand-held device or a fixed presentation scanner when mounted in the stand
- **650-nanometer laser:** High-visibility laser allows user to place laser line on selected bar code
- **CodeGate:** Zero in on desired code and complete data transmission with the push of a single button—ideal for menu scanning applications
- **Flash ROM:** Future proof POS system with free firmware updates via MetroSet®2 software and standard PC
- **Parsing (Data Editing):** Format bar code data to meet host system's specific requirements

MS9540 VoyagerCG Technical Specifications

Operational	
Light Source	Visible Laser Diode 650 nm ± 10 nm
Visual Indicators	Green = ready to scan; Red = good read; Yellow = automatic scanning
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 46xx (RS485), OCIA, Laser Emulation, Light Pen Wand Emulation
Mechanical	
Dimensions (LxWxH)	198 mm x 78 mm x 56 mm (7.8˝ x 3.1˝ x 2.2˝)
Weight	149 g (5.3 oz)
Electrical	
Input Voltage	5 VDC ± 0.25 V
Operating Power (typical)	825 mW (165 mA @ 5 V)
Standby Power (typical)	600 mW (120 mA @ 5 V)
DC Transformers	Class 2: 5.2 VDC @ 1 A
Laser Class	Class 1: IEC60825-1, EN60825-1
EMC	FCC Part 15, ICES-003, EN55022 Class B
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
Drop	Designed to withstand 1.5 m (5´) drops
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	4842 Lux (450 foot-candles)
Scan Performance	
Scan Pattern	Single scan line
Scan Speed	72 scan lines per second
Scan Angle	Horizontal: 50°
Print Contrast	35% minimum reflectance difference
Pitch, Skew	68°, 52°
Decode Capabilities	Reads standard 1D and GS1 DataBar symbologies. PDF417 reading available in MS9544 only. Visit www.honeywell.com/aidc/symbologies for details.
Warranty	5 year factory warranty

MS9540 / MS9544 Typical Performance*	
Narrow Width	Depth of Field
5.2 mil	13 mm - 51 mm (0.5˝ - 2.0˝)
7.5 mil	0 mm - 127 mm (0˝ - 5.0˝)
10.4 mil	0 mm - 165 mm (0˝ - 6.5˝)
13 mil	0 mm - 203 mm (0˝ - 8.0˝)
21 mil	25 mm - 254 mm (1.0˝ - 10.0˝)
*Resolution: 5 mil (0.127 mm) *Performance may be impacted by bar code quality and environmental conditions	

MS9541 Typical Performance*	
Narrow Width	Depth of Field
4.0 mil	6 mm - 38 mm (0.3˝ - 1.5˝)
6.8 mil	0 mm - 76 mm (0˝ - 3.0˝)
10.4 mil	0 mm - 108 mm (0˝ - 4.3˝)
13 mil	0 mm - 140 mm (0˝ - 5.5˝)
*Resolution: 3 mil (0.076 mm) *Performance may be impacted by bar code quality and environmental conditions	

For more information:

www.honeywell.com/aidc

Honeywell Security & Data Collection

Honeywell Scanning & Mobility

90 Coles Road

Blackwood, NJ 08012

856.228.8100

www.honeywell.com

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