## Honeywell

# MS9540 Voyager*CG*

## Single-Line Laser Scanner

Honeywell's MS9540 VoyagerCG<sup>®</sup> 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<sup>™</sup> (formerly known as RSS codes).

VoyagerCG also includes patented CodeGate<sup>®</sup> 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<sup>TM</sup> is ideal for applications that require highdensity scanning, delivering quick and accurate scanning of 1D bar codes as small as 3 mil.

Expand scanner functionality by purchasing the MS9544 VoyagerPDF<sup>™</sup>, 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<sup>®</sup>2 software and standard PC
- **Parsing (Data Editing):** Format bar code data to meet host system's specific requirements

## MS9540 VoyagerCG Technical Specifications

Light SourceVisible Laser Diode 650 nm ± 10 nmVisual IndicatorsGreen = ready to scan; Red = good read; Yellow = automatic scanningHost System InterfacesUSB, RS232, Keyboard Wedge, IBM 46xx (RS485), OCIA, Laser Emulation, Light Pen Wand EmulationWechanicalDimensions (LxWxH)198 mm x 78 mm x 56 mm (7.8° x 3.1° x 2.2°)Weight149 g (5.3 oz)ElectricalInput Voltage5 VDC ± 0.25 VOperating Power (typical)825 mW (165 mA @ 5 V)Standby Power (typical)600 mW (120 mA @ 5 V)Dt TransformersClass 2: 5.2 VDC @ 1 ALaser ClassClass 1: IEC60825-1, EN60825-1EMCFCC Part 15, ICES-003, EN55022 Class BEnvironmental-0°C to 40°C (32°F to 140°F)Humidity5% to 95% relative humidity, non-condensingDropDesigned to withstand 1.5 m (5') dropsEnvironmental SealingSealed to resist airborne particulate contaminantsLight Levels4842 Lux (450 foot-candles)		
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)   Standby Power (typical) 600 mW (120 mA @ 5 V) Standby Power (typical)   Class 2: 5.2 VDC @ 1 A Laser Class Class 1: IEC60825-1   EMC FCC Part 15, ICES-003, EN55022 Class B Environmental   Operating Pomerature 0°C to 40°C (32° F to 104°F) Storage Temperature   Operating Emperature 0°C to 60°C (40° F to 140°F) Storage Temperature   Operating Emperature 40°C to 60°C (40° F to 140°F) Storage Temperature   Storage Temperature 40°C to 60°C (40° F to 140°F) Storage Temperature   Storage Temperature 40°C to 60°C (40° F to 140°F) Storage Temperature   Storage Temperature 40°C to 60°C (40° F to 140°F) Storage Temperature   Storage Temperature 40°C to 60°C (40° F to 140°F) Storage Temperature   Storage Temperature 40°C to 60°C (40° F to 140°F) Storage Temperature	Operational	
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Warranty 5 year factory warranty	Warranty	5 year factory warranty



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

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

