

# Voyager 9520/VoyagerCG 9540

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## Single-Line Laser Scanners

Honeywell's Voyager® 9500 series of hand-held, single-line laser scanners offer aggressive scanning of all standard 1D bar codes.

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

These sleek scanners feature patented automatic infrared activation and decode all standard 1D bar codes, including GS1 DataBar™ (formerly known as RSS codes).

VoyagerCG 9540 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.



## Features

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- **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 Technology (VoyagerCG 9540 only):** 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

# Voyager 9520/VoyagerCG 9540 Technical Specifications

## 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 $\pm$ 0.25 V
Operating Power	825 mW (165 mA @ 5 V)
Standby Power	600 mW (120 mA @ 5 V)
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 46xx (RS485), OCIA, Laser Emulation, Light Pen Wand Emulation

## 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

## 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
Warranty	5 year factory warranty

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance)  
 For a complete listing of all supported bar code symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies)



**For more information:**  
[www.honeywellaidc.com](http://www.honeywellaidc.com)

Voyager 9520/VoyagerCG 9540 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