

# MS9540 VoyagerCG 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. PDF417 reading available in MS9544 only. |
| 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 technologies please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies)



### For more information:

[www.honeywellaidc.com](http://www.honeywellaidc.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 |                            |

### Honeywell Scanning & Mobility

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