

MS9540 VoyagerCG®

OPERATIONAL

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| Light Source | Visible Laser Diode 650 nm ± 10 nm |
| Laser Power | 0.96 mW (peak) |
| Depth of Scan Field | 0 mm - 203 mm (0" - 8") for 0.33 mm (13 mil) bar codes |
| Width of Scan Field | 64 mm (2.5") @ face; 249 mm (9.8") @ 203 mm (8.0") |
| Scan Speed | 72 ± 2 scan lines per second |
| Scan Pattern | Single scan line |
| Minimum Bar Width | 0.127 mm (5.0 mil) |
| Decode Capability | Autodiscriminates all standard bar codes, including RSS; for other symbologies call Metrologic |
| System Interfaces | PC Keyboard Wedge, RS232, OCIA, Light Pen Emulation, Non-decode Emulation, IBM 468X/469X, Stand Alone Keyboard, USB (low speed and full speed) |
| Print Contrast | 35% minimum reflectance difference |
| Number Characters Read | Up to 80 data characters |
| Roll, Pitch, Yaw | 42°, 68°, 52° |
| Beeper Operation | 7 tones or no beep |
| Indicators (LED) | Green = laser on, ready to scan; yellow = auto trigger mode active; red = good read |

MECHANICAL

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| Height | 198 mm (7.8") |
| Depth | 40 mm (1.6") |
| Width | Handle - 45 mm (1.8"); Head - 78 mm (3.1") |
| Weight | 149 g (5.25 oz) |
| Termination | 10 pin modular RJ45 |
| Cable | Standard 2.7 m (9') coiled; optional 2.1 m (7') straight |

ELECTRICAL

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| Input Voltage | 5 VDC ± 0.25 V |
| Power - Operating | 500 mW |
| Power - Standby | 110 mW |
| Current - Operating | 100 mA typical @ 5 VDC |
| Current - Standby | 22 mA typical @ 5 VDC |
| DC Transformers | Class 2; 5.2 VDC @ 650 mA |
| Laser Class | CDRH: Class II; IEC 60825-1:1993+A1:1997+A2:2001 |
| EMC | FCC, ICES-003 & EN55022 Class B |

| | |
|-----------------------|--|
| 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 |
| Light Levels | Up to 4842 Lux (450 footcandles) |
| Shock | Designed to withstand 1.5 m (5') drops |
| Contaminants | Sealed to resist airborne particulate contaminants |
| Ventilation | None required |

VoyagerCG is available in the following colors



ISO 9001:2000



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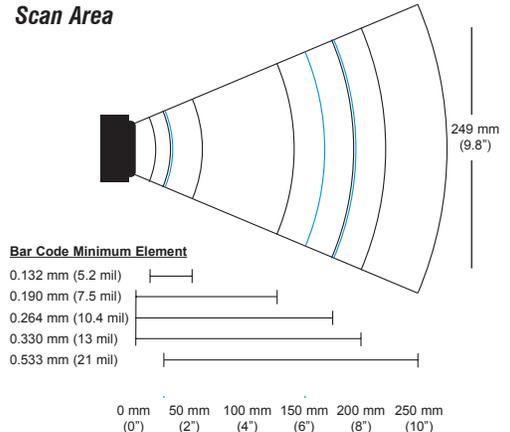
South America
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info@sa.metrologic.com

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info@jp.metrologic.com

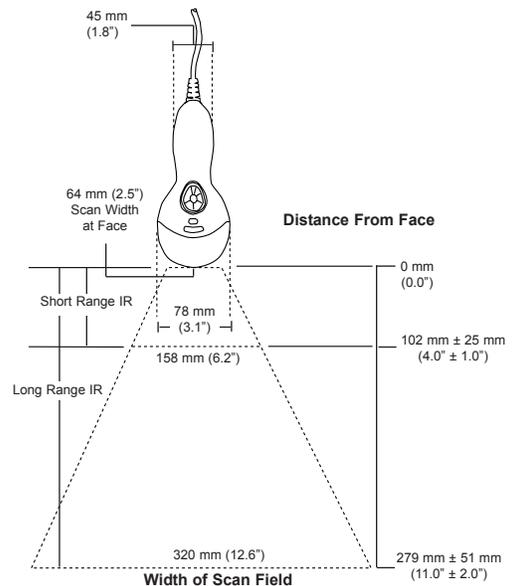
Brazil (only)
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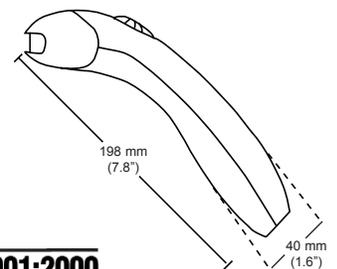
Scan Area



IR Activation and Scan Width



Dimensions



Specifications subject to change without notice.
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DS9540

The CodeGate® Advantage

Menu Scanning



- Auto-Trigger activates the laser
- High-Visibility laser line helps you choose



- Pick the bar code you want
- Press the CodeGate button
- Eliminates incorrect scans

Two Modes of Operation



- Auto-Trigger while in the stand
- Bar code is automatically decoded and transmitted



- CodeGate activates when removed from the stand
- Bar code data is transmitted when the CodeGate button is pressed

CodeGate → Gives You Control

1 _____

2 

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- Auto trigger activates the laser
- Place the laser line on the bar code
- Press the CodeGate button to transmit the data



Voyager^{CG} with
CodeGate →
A better way to scan...





MS9540 VoyagerCG is an advanced single line laser bar code scanner with automatic activation and sophisticated data transmission via Metrologic's proprietary CodeGate technology.

Sunrise 2005 Compliant

MS9540 VoyagerCG[®]

Features

- **Automatic trigger with CodeGate[®]**
- **Decodes RSS-14, RSS Limited and RSS Expanded bar codes**
- **User-replaceable, single cable interface to host**
- **Adjustable stand**
- **Firmware updates via Flash ROM**
- **Custom edit the bar code data**
- **Easy programming using Windows[®] software or bar codes**
- **Supports commonly used interfaces, including Keyboard Wedge and USB**
- **OPOS and JPOS system compatible**



Metrologic's MS9540 VoyagerCG offers high performance scanning, a futuristic design and a more intuitive scanning system than other conventional, triggered scanners.

The MS9540 VoyagerCG is designed to replace triggered scanners. In doing so, Metrologic's engineering department incorporated a feature called CodeGate that makes the MS9540 more intuitive to use than a triggered scanner. Using Metrologic's patented auto-trigger, the laser is automatically activated when a bar code is presented, allowing the user to easily select the bar code. Then with a press of the CodeGate button, the data is transmitted to the host system. This unique concept makes VoyagerCG perfect for

menu-scanning. When the MS9540 is placed in its stand, CodeGate can be automatically deactivated allowing VoyagerCG to be used as a fully automatic presentation scanner.

VoyagerCG includes the ability to decode the emerging Reduced Space Symbology (RSS). Industries including supermarkets, pharmaceutical, and healthcare are beginning to utilize this new symbology. For those VoyagerCG's already deployed, an online Flash ROM upgrade is available at www.metrologic.com.

Metrologic is now backing the MS9540 VoyagerCG with a standard 5-year warranty.

