

## MS9590 Voyager*GS*™

#### Metrologic's MS9590 Voyager*GS*™ hand-held single-line laser scanner increases productivity by offering an aggressive solution for scanning all standard 1D bar codes.

As the newest addition to the industryleading Voyager<sup>®</sup> series, the MS9590 Voyager *GS* features a new ergonomic design that maximizes comfort and reduces fatigue for customers desiring a trigger-activated, hand-held laser scanner. This new form factor makes the scanner ideal for a variety of applications, including retail point-of-sale, office automation and healthcare settings.

Optional EAS integration allows retailers to save time and money by simultaneously deactivating EAS security tags and decoding bar codes.

The Voyager*GS* ensures speed and accuracy by combining patented automatic infrared activation technology with an enhanced depth-of-field. This scanner also includes Metrologic's

patented CodeGate<sup>®</sup> technology which easily completes data transmission with a single trigger pull.

The MS9590 can be configured at no cost by using either the MetroSelect<sup>®</sup> Single-Line Configuration Guide or MetroSet<sup>®</sup>2 software via a RS232 or USB interface. The MS9590 also has the ability to format bar code data to meet the specific requirements of host systems.

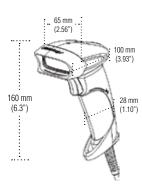
For presentation scanning, Metrologic offers a flexible stand with automatic instand detection technology.

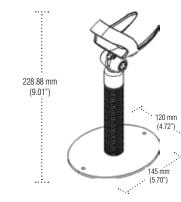
www.metrologic.com/MS9590



Features	Benefits
• Ergonomic Design	Fits comfortably into a wide range of hand sizes
100 Scans Per Second	Improves scan aggressiveness with increased scanning speed
Durable Construction	Reduces downtime and service costs
Automatic In-Stand Detection	Allows seamless transition from hand-held to presentation mode scanning
Optional EAS Integration	Increases efficiency by simultaneously deactivating EAS tags and decoding bar codes

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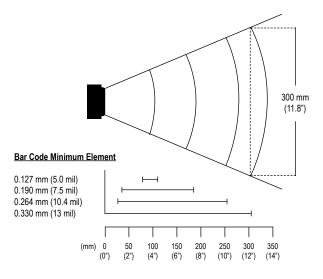


OPERATIONAL	
Light Source	650 nm ± 10 nm VLD
Laser Power	Less than 1 mW (peak)
Decode Capability	Autodiscriminates all standard 1D bar codes; for others call a Metrologic service representative
System Interfaces	RS232, USB, Keyboard Wedge, and 46xx RS485
Number Characters Read	Up to 80 data characters
Beeper Operation	7 tones or no beep
Indicators (LED)	Blue = unit powered, ready to scan; White = good read; Yellow Steady = CodeGate is inactive
MECHANICAL	
Height	160 mm (6.3")
Depth	100 mm (3.93")
Width	Handle: 28 mm (1.10"); Head: 65 mm (2.56")
Weight	150 g
ELECTRICAL	
Input Voltage	5 VDC ± 0.25 V
Power	Operating: 650 mW; Standby: 375 mW (typical)
Current	Operating: 130 mA @ 5VDC; Standby: 75mA @5VDC (typical)
DC Transformers	Class II; 5.2V @ 1 A
Laser Class	Class 1; IEC60825-1:1993/A1:1997+A2:2001 Class 1; EN60825-1:1994+A11:2002+A2:2001
EMC	FCC 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
Light Levels	Up to 4842 Lux (450 foot candles)
Shock	Designed to withstand 1.5 m (5') drops

#### SCAN PERFORMANCE

0 mm - 305 mm (0" - 12") for 0.330 mm (13 mil) bar codes @ default
50 mm (2") @ face; 300 mm (11.8") @ 305 mm (12")
Single scan line
100 scan lines per second
5 mil (0.127 mm)
35% minimum reflectance difference

### Scan Area



CE X RoHS Sunrise 2005 ISO 9001:2000 Compliant Revision: All

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Product Colors Available

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Metrologic Instruments, Inc. | Worldwide Headquarters

Dark Grey

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MS9590 is available in a variety of other colors with minimum quantity purchase.

