



## MS9524 & MS9544 **VoyagerPDF™**

**VoyagerPDF® is the hand-held, single-line laser scanner that offers aggressive scanning of all standard 1D bar codes, including PDF.**

Metrologic's VoyagerPDF maximizes checkout efficiency with aggressive scanning of all standard 1D bar codes, including PDF codes. VoyagerPDF is also well-suited for light manufacturing and warehouse applications.

Metrologic's VoyagerPDF (models MS9524 & MS9544) combines the ability to decode PDF bar codes with many of the outstanding features found in all Voyager series hand-held, single-line scanners – the industry benchmark for value and performance.

Both models decode the following bar codes: standard 1D, PDF417, PDF417

truncated, micro PDF, macro PDF and RSS-14 composite.

Since VoyagerPDF decodes bar codes featured on United States drivers' licenses, it is ideal for identity-verification applications.

In addition to automatic infrared activation for bar code detection, VoyagerPDF (model MS9544) also comes equipped with Metrologic's patented CodeGate® technology which completes data transmission with the push of a single button.

VoyagerPDF models come with a stand and in-stand auto-detection technology for presentation scanning.

**[www.metrologic.com/MS9524](http://www.metrologic.com/MS9524)**

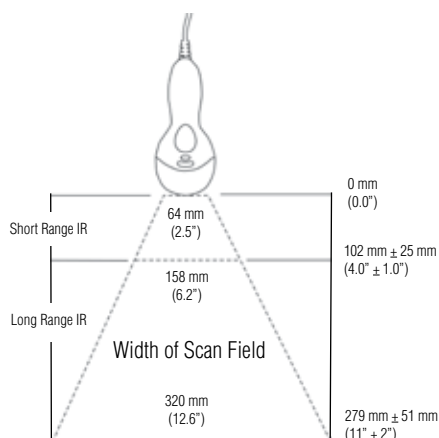


### Features

- Decodes PDF417
- Automatic trigger
- CodeGate data transmission
- High speed scanning
- FlashROM

### Benefits

- Ability to decode PDF417, PDF417 truncated and micro PDF
- Use scanner as either a hand-held device or a fixed presentation scanner when mounted in the stand
- Zero in on desired code and complete data transmission with the push of a single button - Ideal for menu-scanning applications system
- Industry leading scan speed (180 scans/second) maximizes productivity by increasing throughput
- Protects POS investment with free firmware updates via MetroSet®2 software and standard PC



## OPERATIONAL

Light Source	650 nm VLD
Laser Power	0.96 mW
Infrared Activation	Long Range: 0 mm-279 mm + 51 mm (0" - 11" + 2") Short Range: 0 mm-102 mm + 25 mm (0" - 4" + 1")
Decode Capability	Autodiscriminates all standard 1D bar codes, including GSI DataBar™, PDF417, Truncated PDF, Micro and Macro PDF
System Interfaces	RS232, PC Keyboard Wedge, Stand-Alone Keyboard, OCIA, IBM468X/469X, Light Pen Emulation, and USB
Number Characters Read	Up to 80 data characters
Beeper Operation	13 tones or no beep
Indicators (LED)	Blue=unit powered; White=good read; Yellow steady (MS9540) = CodeGate button is inactive

## MECHANICAL

Length	198 mm (7.8")
Width	Handle: 45 mm (1.8"); Head: 78 mm (3.1")
Depth	40 mm (1.6")
Weight	149 g (5.25 oz)

## ELECTRICAL

Input Voltage	5.2VDC ± .25 V
Power	Operating: 1,500 mW - Standby: 750 mW
Operating Current	Operating: 300 mA typical 5.2VDC; Standby: 100 mA typicale @ 5.2VDC
DC Transformers	Class 2; 5.2VDC @ 650 mA
LED Class	Class 1; IEC60825-1:1993/A1:1997+A2:2001 Class 1; EN60825-1:1994/A11:1996+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 4,842 Lux (450 footcandles)
Shock	Designed to withstand 1.5 m (5') drops

## Product Colors Available

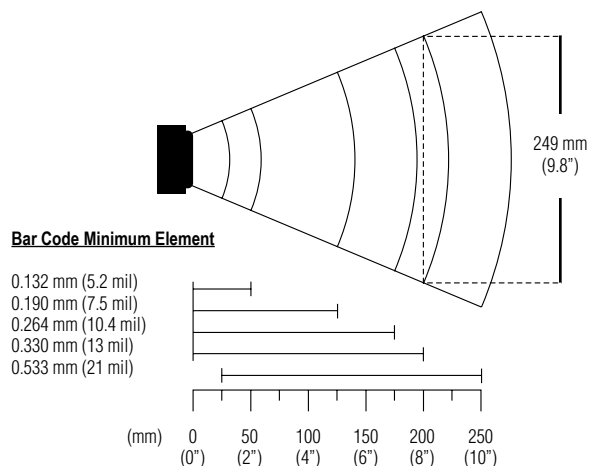
Light Grey Black

MS9500 is available in a variety of other colors with minimum quantity purchase.

## SCAN PERFORMANCE

Depth of Scan Field (programmable)	0 mm - 203 mm (0" - 8") for 0.330 mm (13 mil) bar codes @ default
Width of Scan Field	64 mm (2.5") @ face; 249 mm (9.8") @ 203 mm (8.0")
Scan Speed	180 ± 10 scan lines per second
Scan Pattern	Single scan line
Number of Scan Lines	20
Minimum Bar Width	0.127 mm (5 mil)
Print Contrast	35% minimum reflectance difference
Roll, Pitch, Yaw	42°, 68°, 52°

## Scan Area



Metrologic Instruments, Inc. | Worldwide Headquarters  
90 Coles Road | Blackwood, NJ 08012-4683 | info@metrologic.com  
Telephone 856-228-8100 | Fax 856-228-6673 | www.metrologic.com

**Asian Headquarters** Tel. 65.6842.7155 info@sg.metrologic.com  
**European Headquarters** Tel. 49.89.89019.0 info@eu.metrologic.com  
**The Americas Headquarters** Tel. 1.800.ID.METRO info@us.metrologic.com



Specifications subject to change without notice. Printed U.S.A. Copyright January 2008 Metrologic, all rights reserved.

