Metrologic®

MS9500 Voyager™

Features

- ***Auto-trigger with CodeGate™***
- ***Both hand-held and fixed projection***
- ***PowerLink, user-replaceable cables***
- ***Flash ROM with Meteor upgrade utility***
- ***MetroSet™ & MetroSelect™ configuration***
- ***Bits 'n' Pieces™ data editing***
- ***Includes adjustable stand***
- ***Short-range and long-range activation***
- ***MetrOPOS™ compatible***
- ***EMI rating of Class B***

Metrologic's MS9500 Series Voyager™ has been cleared for takeoff! With a futuristic design and advanced scanning system, Voyager is the most advanced single-line, hand-held bar code scanner on the market today.

The Voyager MS9540 features Metrologic's proprietary CodeGate technology. CodeGate is an intuitive scanning system that is ideal for all scanning applications, including menu-scanning, Point-of-Sale, document processing, and inventory, just to name a few.

CodeGate works hand-in-hand with Metrologic's patented automatic-triggering scheme. Simply present a bar code to the scanner; the high-visibility 650-nanometer laser is automatically activated allowing the user to easily select the bar code to be scanned. Press the CodeGate button and the data is transmitted to the host system.

Equipped with both In-Stand and Out-of-Stand operation, Voyager can be used as both a hand-held and fixed projection scanner. Voyager automatically senses when it is placed in the stand and de-activates the CodeGate button.

MS9500 Voyager™

OPERATIONAL

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 code at default setting
Width of Scan Field	64.0 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
Minumum Bar Width	0.127 mm (5.0 mil)
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 bar codes; for other symbologies call Metrologic
System Interfaces	RS232, PC Keyboard Wedge, Stand-Alone Keyboard, OCIA, IBM 468X/469X, Light Pen Emulation
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 80 data characters (Maximum number will vary based on symbology and density)
Roll, Pitch, Yaw	42°, 68°, 52°
Beeper Operation	7 tones or no beep
Indicators (LED)	Green = laser on, ready to scan Red = good read Yellow = CodeGate™ active (off); auto-trigger mode (on)

MECHANICAL

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

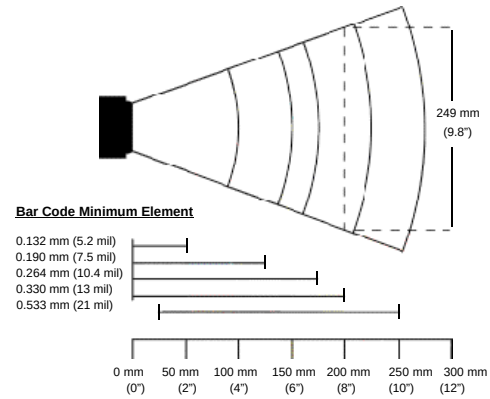
ELECTRICAL

Input Voltage	5 VDC ± 0.25 V
Power - Operating	0.825 mW
Power - Standby	0.600 mW
Current - Operating	165 mA typical @ 5 VDC
Current - Standby	120 mA typical @ 5 VDC
DC Transformers	Class 2; 5.2 VDC @ 650 mA
Laser Class	CDRH: Class II; EN60825-1:1994/A11:1996 Class 1
EMC	FCC Class B

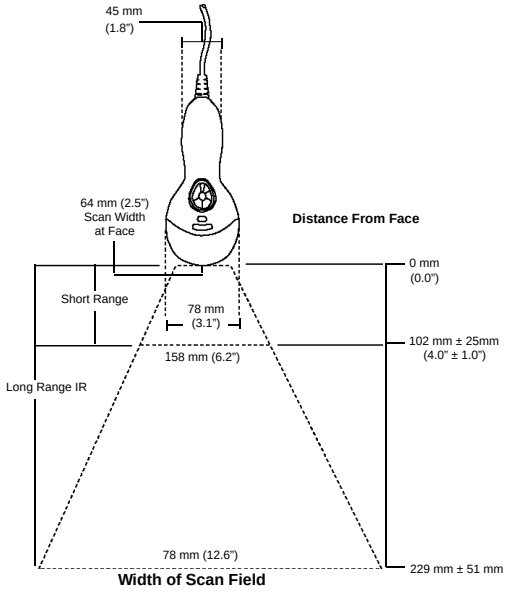
ENVIRONMENTAL

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 footcandles)
Shock	Designed to withstand 1.5 m (5') drops
Contaminants	Sealed to resist airborne particulate contaminants
Ventilation	None required

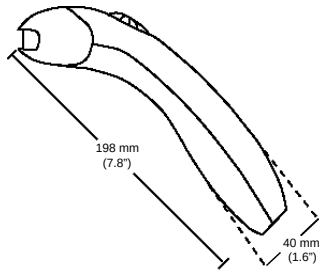
Scan Area



IR Activation and Scan Width



Dimensions



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MLPN: DSMS9500

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