Metrologic®
We really work for you.™

# MS9535 VoyagerBT®

**Metrologic's MS9535 Voyager*BT* wireless, single-line laser scanner frees retailers to aggressively scan all standard 1D bar codes anytime, anywhere.**

Metrologic's wireless Voyager*BT* combines the freedom of Bluetooth® technology with the outstanding features already found in all Voyager hand-held, single-line scanners.

The Voyager series is the retail industry benchmark for value and performance.

To conserve valuable counter space, the scanner cradle mounts to any wall. In addition to automatic infrared activation, the Voyager*BT* comes equipped with Metrologic's patented CodeGate® and RangeGate® technology.

CodeGate technology easily completes data transmission with the push of a single button.

RangeGate enables Voyager*BT* to scan 250 bar codes when out of range of a host system. Voyager*BT* then automatically downloads them to the host when the connection is re-established.

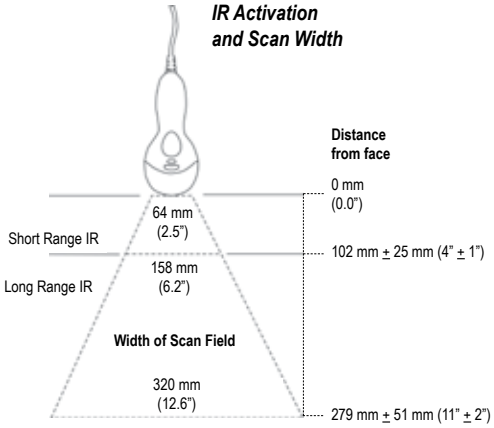
Metrologic's Voyager*BT* brings you closer to your customers.

**www.metrologic.com/MS9535**

| Features | Benefits |
|---|---|
| • Bluetooth technology | Wireless connectivity facilitates scanning all standard 1D bar codes anytime, anywhere |
| • Multiple scan indicators | Provides audible and visual confirmation of each scan |
| • Wall-mountable cradle | Conserves valuable counter space |
| • CodeGate data transmission | Zero in on desired code and complete data transmission with the push of a single button - Ideal for menu scanning applications |
| • RangeGate | Scans 8KB of bar codes while out of range and then communicates with host once connectivity is re-established |

# MS9535 VoyagerBT®

Metrologic
We really work for you.™




## OPERATIONAL

| | |
|---|---|
| Light Source | 650 nm ± 10 nm VLD |
| Laser Power | Less than 1 mW (peak) |
| Decode Capability | Autodiscriminates all standard 1D bar codes including GS1 DataBar™; for others call a Metrologic service representative |
| System Interfaces | RS232/Light Pen, PC Keyboard Wedge, Stand-Alone Keyboard, USB, IBM 468X/469X |
| Number Characters Read | Up to 80 data characters |
| Beeper Operation | 7 tones or no beep |
| Indicators (LED) | Blue Steady = unit powered, ready to scan, Bluetooth connected; White = good read; Yellow Steady = battery full; Yellow Blinking = battery charging |

## MECHANICAL

| | |
|---|---|
| Length | 198 mm (7.8") |
| Depth | 40 mm (1.6") |
| Width | Handle: 45 mm (1.8"); Head: 78 mm (3.1") |
| Weight | Scanner: 199 g (7.02 oz); Cradle: 225 g (7.94 oz) |

## ELECTRICAL

| | |
|---|---|
| Input Voltage | Scanner: 5.2 VDC + .25 V; Cradle: 5.2 VDC + 0.25 V |
| Power | Scanner: Operating=1.15 W, Sleep=150 mW; Cradle: 0.6 W |
| Current | Scanner: Operating=230 mA @ 5 VDC, Sleep=30 mA @ 5 VDC; Cradle: 120 mA @ 5 VDC |
| DC Transformers | Class 2; 5.2 V @ 2 A |
| LED Class | Class 1; IEC60825-1:1993+A1:1997+A2:2001<br>Class 1; EN60825-1:1994/A11:1996+A2:2001 |
| EMC | FCC, ICES-003 & EN55022 Class B<br>FCC, ICES-003 & EN55022 Class A for FS USB, IBM |
| Battery Capacity/Recharge | 12,000 scans per charge / recharge time = 2.5 hours |
| Radio Range | Bluetooth class 2; 10 m (33') |

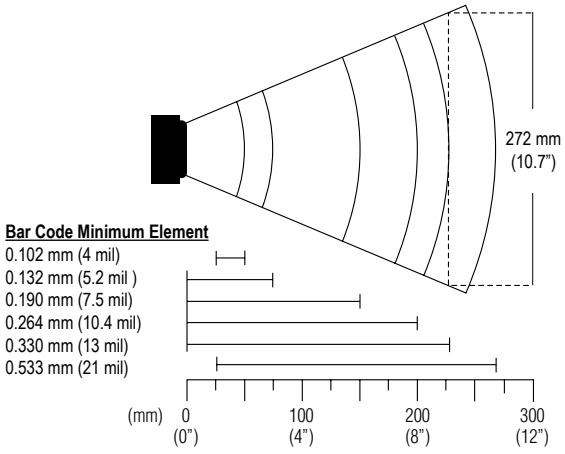
## ENVIRONMENTAL

| | |
|---|---|
| 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 |
| Contaminants | Sealed to resist airborne particulate contaminants |
| Ventilation | None Required |

## SCAN PERFORMANCE

| | |
|---|---|
| Depth of Scan Field (programmable) | 0 mm - 229 mm (0" - 9") for 0.330 mm (13 mil) bar codes @ default |
| Width of Scan Field | 64 mm (2.5") @ face; 272 mm (10.7") @ 229 mm (9") |
| Scan Speed | 100 scan lines per second ± 2 |
| Scan Pattern | Single scan line |
| Minimum Bar Width | 0.102 mm (4 mil) |
| Print Contrast | 35% minimum reflectance difference |
| Roll, Pitch, Yaw | 42°, 68°, 52° |

## Scan Area




Product Colors Available — Light Grey, Black

MS9535 is available in a variety of other colors with minimum quantity purchase.

RoHS Revision: All

Sunrise 2005 Compliant

ISO 9001:2000

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

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

DS9535TA