

MS9535 VoyagerBT

Wireless Single-Line Laser Scanner

Honeywell's MS9535 VoyagerBT® wireless, single-line laser scanner frees retailers and healthcare professionals to aggressively scan all standard 1D bar codes anytime, anywhere.

Voyager scanners are the 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 VoyagerBT comes with Honeywell's patented CodeGate® and RangeGate® technology.

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

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

Honeywell's MS9535 VoyagerBT brings you closer to your customers and your patients.

For more information on the MS9535 VoyagerBT wireless single-line laser scanner, please visit www.honeywell.com/aidc



Features

- **Bluetooth® Wireless Technology:** 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:** 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 Technical Specifications

Operational

| | |
|------------------------|---|
| Light Source | Visible Laser Diode 650 nm ± 10 nm |
| Visual Indicators | Blue = ready to scan, White = good read; Steady Yellow = battery full; Flashing Yellow = battery charging |
| Host System Interfaces | USB, RS232, Keyboard Wedge, IBM 46xx (RS485) |

Wireless

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|-------------------------------|--|
| Radio/Range | 2.4 to 2.4835 GHz (ISM Band) Frequency-Hopping Bluetooth v1.2; Class 2: 10 m (33') line of sight |
| Data Rate (Transmission Rate) | 1 Mbit/s (721 Kbit/s) |
| Battery | 1100 mAh Li-ion |
| Number of Scans | up to 12,000 scans per charge |
| Expected Hours of Operation | 8 hours |
| Expected Charge Time | 2.5 hours |

Mechanical/Electrical

| | Scanner | Base |
|------------------------------|---|--|
| Dimensions (LxWxH) | 198 mm x 78 mm x 56 mm (7.8" x 3.1" x 2.2") | 205 mm x 100 mm x 52 mm (8.1" x 3.9" x 2.0") |
| Weight | 199 g (7.0 oz) | 225 g (7.9 oz) |
| Charging Power (typical) | | 2.75 W (550 mA @ 5V) |
| Non-Charging Power (typical) | | 650 mW (130 mA @ 5V) |
| DC Transformers | Internal Battery | Class 2: 5.2 VDC @ 2 A |
| Laser Class | Class 1: IEC60825-1, EN60825-1 | |
| EMC | FCC Part 15, ICES-003, EN55022 Class B | |

Environmental

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|-----------------------|--|
| 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 |
| Drop | Designed to withstand 1.5 m (5') drops |
| Environmental Sealing | Sealed to resist airborne particulate contaminants |
| Light Levels | 4,842 Lux (450 foot-candles) |

Scan Performance

| | |
|---------------------|--|
| Scan Pattern | Single scan line |
| Scan Speed | 72 scan lines per second |
| Scan Angle | Horizontal: 48° |
| Print Contrast | 35% minimum reflectance difference |
| Pitch, Skew | 68°, 52° |
| Decode Capabilities | Reads standard 1D and GS1 DataBar symbologies. Visit www.honeywell.com/aidc/symbologies for details. |



| Typical Performance* | |
|---|-------------------------------|
| Narrow Width | Depth of Field |
| 5.2 mil | 0 mm - 51 mm (0" - 2.0") |
| 7.5 mil | 0mm - 127 mm (0" - 5.0") |
| 10 mil | 0 mm - 165 mm (0" - 6.5") |
| 13 mil | 0 mm - 203 mm (0" - 8.0") |
| 21 mil | 25 mm - 254 mm (1.0" - 10.0") |
| *Resolution: 5 mil (0.127 mm) | |
| *Performance may be impacted by bar code quality and environmental conditions | |

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