Honeywell

Metrologic®

Metrologic is now part of Honeywell

MS9535 Voyager*BT*

Wireless Single-Line Laser Scanner

Honeywell's MS9535 Voyager*BT®* 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 Voyager*BT* comes with Honeywell's patented Code*Gate®* and Range*Gate®* technology.

Code*Gate* technology easily completes data transmission with the push of a single button.

Range*Gate* 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.

Honeywell's MS9535 Voyager*BT* brings you closer to your customers and your patients.

For more information on the MS9535 Voyager*BT* 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

- **Code*Gate*:** Zero in on desired code and complete data transmission with the push of a single button—ideal for menu scanning applications
- **Range*Gate*:** Scans 8KB of bar codes while out of range and then communicates with host once connectivity is re-established

MS9535 Voyager*BT* Technical Specifications

Operational

Light Source	Visible Laser Diode 650 nm ± 10 nm
Audible Indicators	7 tones or no beep
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

Radio/Range	2.4 to 2.4835 GHz (ISM Band) Frequency-Hopping Bluetooth v1.2; Class 2: 10 m (33') line of sight
Data Range (Transmission Rate)	3 Mbit/s (2.1 Mbit/s)
Battery	1100 mAh Li-ion
Number of Scans	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		2.75 W (550 mA @ 5V)
Non-Charging Power		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

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
Tilt, Pitch, Skew	42°, 68°, 52°
Decode Capabilities	Code 39, Code 93, Code 128, UPC/EAN/JAN, Code 2 of 5, Code 11, Codabar, MSI Plessey, GS1 DataBar, Telepen, Trioptic

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: 5.2 mil (0.127 mm)
*Performance may be impacted by bar code quality and environmental conditions

For more information:

www.honeywell.com/aidc

Honeywell