Honeywell

Voyager 1202g

Wireless Single-Line Laser Scanner

Honeywell's Voyager™ 1202g single-line laser scanner incorporates the freedom of Bluetooth® wireless technology and offers a field-replaceable battery that can be quickly and easily exchanged. The new 1202g delivers the aggressive linear bar code scanning that users have come to expect from the world-renowned Voyager family of scanners.

Voyager 1202g incorporates a Bluetooth® Class 2, v2.1 radio, enabling unrestricted movement up to 10 meters (33 feet) from the base. Honeywell has also demonstrated Bluetooth® Class 2 communication ranges of up to 30 meters (100 feet) with a clear line of sight from the base. The 1202g offers users added safety and a wider range of movement by eliminating tethered cables. For added convenience, the included paging system helps locate misplaced scanners with visual and auditory signals.

The field-removable battery can be exchanged quickly and easily, without the use of tools. The user-preferred, long-lasting Lithium ion battery provides 12 hours or more of scanning time and 45,000 scans per charge. The 1202g recharges quickly, resulting in increased throughput.

Built on the platform of the corded Voyager 1200g, the 1202g is optimized for scanning linear bar codes, including poorly printed and damaged codes. Voyager 1202g allows enterprises to minimize manual data entry, leading to increased productivity and reduction in errors.

This plug and play scanner incorporates a multi-interface design with automatic interface detection. Voyager 1202g automatically configures itself to the appropriate interface, shortening the installation process. 1202g's easy installation will benefit users in environments such as retail stores, hospitals, and light manufacturing facilities. The base can be desk or wall mounted to accommodate a variety of workstation layouts.

Features

- **Bluetooth® Wireless Technology:** Facilitates scanning of all standard 1D bar codes 10 meters (33 feet) or more away from the base, depending on the user's environment
- **Long Battery Life and Tool-Free Battery Removal:** The user-preferred Lithium ion battery provides 12 hours or more of use, depending on scanning volume, and the field-replaceable battery can be exchanged quickly and easily, without the use of tools
- **Automatic Interface Configuration:** Supports all popular interfaces in one device, replacing the time consuming process of scanning programming bar codes with automatic interface detection and configuration
- **Excellent Poor Quality Code Reading:** Increases throughput and reduces the potential for hand-keyed errors by quickly scanning a variety of 1D bar codes, including those that are damaged or smudged
- **Paging Functionality:** Simply press the button on the base to locate your lost scanner; Voyager 1202g responds with a series of beeps and blinking lights on its indicator panel
- **Remote MasterMind™ Ready:** Reduces total cost of ownership by providing a turnkey remote device management solution that easily manages and tracks usage of installed devices

Voyager 1202g Technical Specifications

Wireless

Radio/Range	2.4 to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth v2.1; Class 2: 10m (33') line of sight
Data Rate (Transmission Rate)	Up to 3 Mbps
Battery	1800 mAh Lithium ion minimum
Number of Scans	Up to 45,000 scans per charge
Expected Hours of Operation	12 hours
Expected Charge Time	4 hours

Mechanical/Electrical

	Scanner: Voyager 1202g	**Charge and Communication Base: CCB00-010BT**
Dimensions (LxWxH)	180 mm x 66 mm x 92 mm (7.1˝ x 2.6˝ x 3.6˝)	200 mm x 67 mm x 97 mm (7.9˝ x 2.6˝ x 3.8˝)
Weight	180 g (6.3 oz) (includes battery)	185 g (6.5 oz)
Operating Power (Charging)	N/A	5 W (1 A @ 5 V with power supply); 2.5W (0.5 A @ 5 V with USB)
Non-Charging Power	N/A	0.625 W (0.125 A @ 5 V)
Host System Interfaces	N/A	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)

Environmental

	Scanner: Voyager 1202g	**Charge and Communication Base: CCB00-010BT**
Operating Temperature	5°C to 40°C (41°F to 104°F)	Charging: 5°C to 40°C (41°F to 104°F); Non-Charging: 0°C to 50°C (32°F to 122°F)
Storage Temperature with Battery	-5°C to 35°C (23°F to 95°F)	-5°C to 35°C (23°F to 95°F)
Humidity	0 to 95% relative humidity, non-condensing	0 to 95% relative humidity, non-condensing
Drop	Designed to withstand 30 1.5 m (5´) drops to concrete	Designed to withstand 30 1 m (3.3´) drops to concrete
Environmental Sealing	IP42	IP42
Light Levels	0 to 70,000 lux (6,500 foot-candles)	N/A

Scan Performance

Scan Pattern	Single scan line
Scan Speed (laser only)	100 scan lines per second
Scan Angle	Horizontal: 30°
Print Contrast	10% minimum reflectance difference
Pitch, Skew	60°, 60°
Decode Capabilities	Reads standard 1D and GS1 DataBar symbologies. (Note: Decode capabilities dependent on kit configuration)
Warranty	3 year factory warranty (Note: battery warranty is 1 year)

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance
For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies

(SR) Typical Performance*	
Narrow Width	Depth of Field
5 mil	27 mm - 151 mm (1.1˝ - 5.9˝)
7.5 mil	16 mm - 216 mm (0.6˝ - 8.5˝)
10 mil	0 mm - 277 mm (0˝ - 10.9˝)
13 mil	0 mm - 311 mm (0˝ - 12.2˝)
20 mil	0 mm - 367 mm (0˝ - 14.4˝)

*Resolution: 3.5 mil
*Performance may be impacted by bar code quality and environmental conditions

For more information:
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