Honeywell

Voyager 1200g

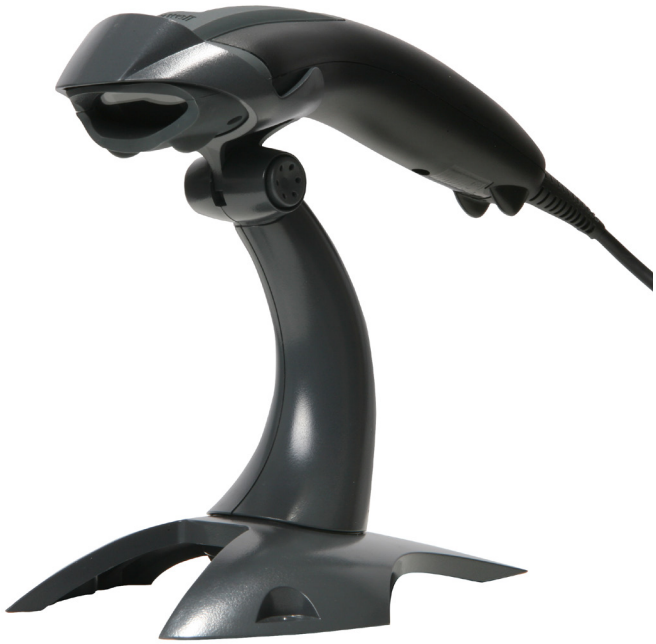
Single-Line Laser Scanner

Built on the platform of the world's best-selling single-line laser scanner, Honeywell's Voyager® 1200g delivers aggressive scan performance on virtually all linear bar codes, including poor quality and damaged codes. Updated object detection, and automatic in-stand detection and configuration enable class-leading presentation scanning that maximizes throughput. Superior scan performance matched with a reliable design combine to provide a versatile linear scanning solution suitable for a wide variety of applications.

The intuitive Voyager 1200g provides fast and reliable scanning of linear bar codes across its full working range, minimizing the need for user training. Whether poorly printed, smudged or faded, the Voyager 1200g decodes difficult-to-read bar codes with ease. The Voyager 1200g also excels at scanning high density bar codes with resolution down to 3.5 mil, eliminating the need to purchase specialty scanners.

Designed to decrease downtime and service costs, the Voyager 1200g includes a single shock-mounted PCB that delivers greater impact resistance. A recessed button protected by an integrated rubber co-mold minimizes the impact of accidental drops. Added durability is provided in the form of a protected, scratch-resistant glass window and an IP42-rating.

The Voyager 1200g, the next installment in the world-renowned Voyager series, provides outstanding scan performance and reliability for end users seeking an exceptional linear scanning solution.



Features

- **Outstanding Scan Performance on Poor Quality and Damaged Bar Codes:** Maintains productivity by providing a worry-free linear scanning solution that minimizes the need for manual data entry
- **Class-Leading Presentation Scanning:** Increases throughput by providing object detection and automatic in-stand detection and configuration
- **Multi-Interface:** Minimizes costs by delivering support for USB, keyboard wedge, and RS232 interfaces in a single scanner
- **Superior Out-of-Box Experience:** Simplifies set up with tool-free stand assembly; automatic in-stand detection and configuration; and automatic interface detection and configuration
- **Contemporary, Ergonomic Design:** Ensures operator comfort and productivity by incorporating an integrated finger groove in a sleek, lightweight industrial design that fits well in most hands
- **CodeGate® Technology:** Enables users to ensure that the desired bar code is scanned before transmitting data, making the scanner ideal for use in menu scanning applications

Voyager 1200g Technical Specifications

Mechanical	
Dimensions (LxWxH)	66 mm (3.0″) X 180 mm (7.1″) X 97 mm (3.8″)
Weight	125 g (4.4 oz)
Electrical	
Input Voltage	5 V +/- 5%
Operating Power	700mW; 140 mA (typical) @ 5V
Standby Power	350mw; 70 mA (typical) @ 5V
Host System Interfaces	Multi-Interface / Includes RS232 (TTL +5V, 4 Signals) / KBW / USB (HID Keyboard, Serial, IBM OEM); RS-232C (+/-12V) and IBM RS485 supported via adapter cable
Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	0% to 95% non-condensing
Drop	Designed to withstand 30 drops to concrete from 1.5 m
Environmental Sealing	IP42
Light Levels	0 - 70,000 lux
Scan Performance	
Scan Pattern	Single scan line
Scan Speed	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
Warranty	5 year factory warranty

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 technologies and certifications, please visit www.honeywellaidc.com/symbologies

Typical Performance*	
Narrow Width	Depth of Field
5 mil (Code 39)	27 mm - 151 mm (1.1″- 5.9″)
7.5 mil (Code 39)	16 mm - 216 mm (0.6″- 8.5″)
10.4 mil (Code 39)	0 mm - 277 mm (0″- 10.9″)
13 mil (UPC-A)	0 mm - 311 mm (0″- 12.2″)
20 mil (Code 39)	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:
www.honeywellaidc.com

Honeywell Scanning & Mobility
9680 Old Bailes Road
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Honeywell

1200g-DS Rev D 07/11

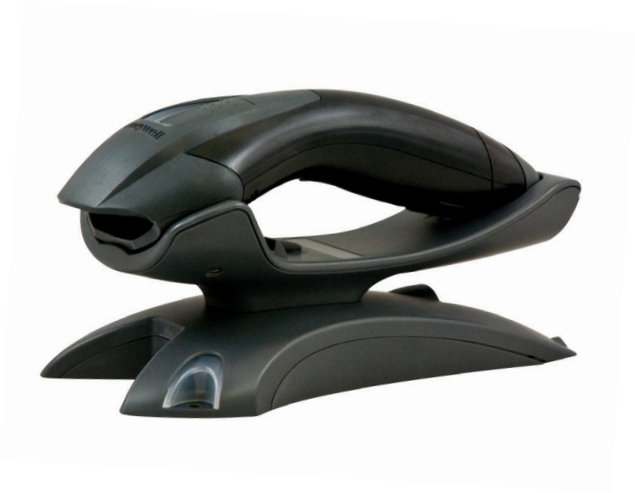
Honeywell

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

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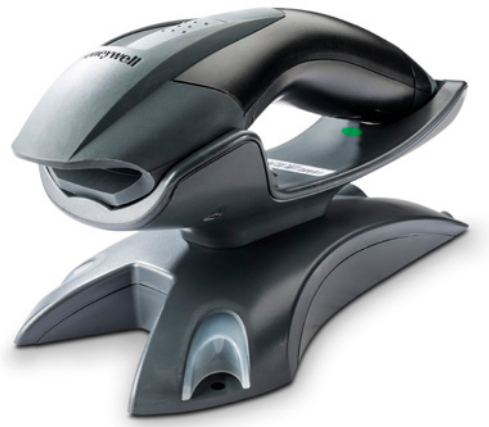
1202g-DS Rev A 08/11

Honeywell

Voyager 1202g-bf

Battery-Free Wireless Laser Scanner

Honeywell's Voyager™ 1202g-bf single-line laser scanner incorporates breakthrough battery-free technology, offering the freedom of Bluetooth® wireless technology without the maintenance hassle or long recharge time associated with traditional batteries. Like all other Voyager scanners, the 1202g-bf delivers aggressive linear bar code scanning performance—even on poor quality or damaged bar codes.



An integrated Bluetooth Class 2 radio grants users complete freedom of movement up to 10 meters (33 feet) from the base in a typical work environment. For added convenience, a paging system on the base activates auditory signals that help to locate a misplaced scanner. By eliminating the trip-hazard of tethered cables, the 1202g-bf can make for a safer and more productive work environment.

Battery-free wireless technology completely eliminates the battery, replacing it with a super-capacitor capable of achieving full-charge in less than 35 seconds, and providing enough wireless power to last at least 100 scans.[1] This makes the 1202g-bf ideal for applications where occasional wireless scanning is needed; for example, as a complement to bioptic (in-counter) scanners in retail environments where bulky items are sometimes left in shopping carts and must be scanned by hand. With no battery, a common maintenance hassle is removed and the scanner is lighter and more ecologically friendly.

Voyager is a plug-and-play scanner, and features a multi-interface design with automatic interface detection. By automatically configuring itself to the appropriate interface upon connection, the installation process is shortened, and the cumbersome task of scanning programming bar codes is eliminated.

Built on the proven Voyager platform, the 1202g-bf offers high performance linear bar code scanning and the convenience of wireless—all without the battery.

Features

- **Battery-Free Wireless Technology:** Fully charges in less than 35 seconds with a wall power adapter, and provides short-term power for at least 100 wireless scans.[1] By eliminating the battery, a common maintenance headache is removed, and the scanner is lighter and more environmentally friendly.
- **Bluetooth® Wireless Technology:** Grants wireless freedom of movement up to 10 meters (33 feet) from the base, depending on user environment.
- **Reliable Bar Code Reading:** Increase throughput and reduce the potential for hand-keyed errors by quickly scanning a variety of 1D bar codes, including those that are damaged or poor quality.
- **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.
- **Paging Functionality:** Simply press the button on the base to locate your lost scanner; Voyager responds with a series of beeps and blinking lights on its indicator panel.

[1] Honeywell's battery-free wireless technology powers the scanner for at least 100 scans, with one scan performed every second. For applications requiring more than 100 continuous wireless scans, a traditional battery-powered scanner such as the Voyager 1202g is recommended.

Voyager 1202g-bf 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
Number of Scans	At least 100 scans, with one scan every second At least 35 scans, with one scan every 6 seconds
Expected Full Charge Time	Less than 35 seconds via wall power adapter Less than 90 seconds via USB power
Use Time per Full Charge	2-6 minutes (depending on use)

Mechanical/Electrical	Scanner (Voyager 1202g-bf)	Charge & Communication Base
Dimensions	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	160 g (5.6 oz)	216 g (7.6 oz)
Operating Power	Scanning: 180mA @ 4.0V	Charging: 5W: (1A @ 5V peak) with AC wall supply 2.5W: (0.5A @ 5V peak) with USB
Non-Charging Power	Standby: 40mA at 4.0V	Base with Scanner: 1W (0.2A @ 5V) Base without Scanner : 0.5W (0.1A @ 5V) Suspend Mode: 0.0125W (0.0025A @ 5V)
Host System Interfaces	N/A	USB, RS232, RS485, KBW

Environmental	Scanner (Voyager 1202g-bf)	Charge/Communication Base (CCB00-010BT-01N-BF)
Operating Temperature	0°C to 50°C (32°F to 122°F)	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Humidity	5 to 95% relative humidity, non-condensing	5 to 95% relative humidity, non-condensing
Drop	Designed to withstand 30 1.5 m (5') drops to concrete	Designed to withstand 30 1.0 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.
Warranty	3 year factory warranty

Refer to the Honeywell Scanning & Mobility Compliance Center (www.honeywellaidc.com/compliance) to review and download any publicly available documentation pertaining to the certification of this product in a given country.

Refer to the Honeywell Scanning & Mobility Supported Symbologies Datasheet (www.honeywellaidc.com/symbologies) for a complete listing of all supported bar code symbologies.

Specifications are subject to change without notice.

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

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