Voyager 1602g

Wireless Area-Imaging Pocket Scanner

Honeywell's affordable Voyager 1602g pocket scanner packs high-performance area-imaging technology into an elegant and pocketable form factor—making it the perfect tablet scanning companion. Designed to complement the clean look of consumerized devices while comfortably moving with the mobile worker, 1602g is ideal for tablet-based fixed point-of-sale, mobile point-of-sale, inventory management, backroom/stockroom, in-store customer engagement and even non-retail scanning applications such as salesforce automation.

Despite its small size, this pocket scanner incorporates the same high performance area-imaging engine found in our full-size handheld scanners. It scans virtually all 1D and 2D bar codes—even poor quality, damaged, or low contrast codes. It can even read bar codes right off customers' mobile phone screens, making it ready for the fast-growing trend of mobile coupons, digital loyalty programs and other revenue-generating mobile marketing initiatives.

Portability and ergonomics were emphasized in the design of Voyager 1602g. It features a contoured design that fits perfectly in the palm. Soft touch plastics, an over-sized trigger button with tactile feedback, and a white LED aimer make scanning fun and easy.

With an integrated Bluetooth® Class 2 radio, Voyager 1602g pairs quickly with Apple® iOS, Android® and Windows® Mobile® devices—as well as standard PCs and laptops equipped with Bluetooth wireless technology. Enjoy wireless freedom of movement up to 100 meters (328 feet) from the host device without worrying about battery life, thanks to a user-replaceable battery that lasts up to 2,250 scans in a single twelve-hour shift.

**Preliminary Specifications
Subject to Change**

Features

- **Full-Size Scanning Performance:** Incorporates Honeywell's high performance area-imaging engine for aggressive, omnidirecitonal 1D and 2D bar code scanning.

- **Mobile Marketing Enabler:** Capable of reading bar codes off smartphone screens—mobile coupons, digital wallets, and digital loyalty cards.

- **Ergonomically Designed:** Contoured and elegant design, over-sized scan button, and light weight make scanning fun and easy.

- **Efficient Wireless Performance:** Bluetooth wireless technology provides freedom of movement up to 100 meters (328 feet) from host device.

- **User-Replaceable Battery:** Features a battery rated for up to 2,250 scans over 12 hours, rechargeable over standard microUSB.

Voyager 1602g Technical Specifications

Wireless

Radio/Range	2.4 to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth v2.1; Class 2; 10 m (33 ft) line of sight
Battery	750 mAh Li-ion minimum
Number of Scans	Up to 2,250 scans per full charge
Expected Hours of Operation	12 hours
Expected Charge Time	3 hours

Mechanical/Electrical

Dimensions (LxWxH)	120 x 48 x 22 mm (4.7 x 1.9 x 0.9 in)
Weight	< 100 g (3.5oz)

Environmental

Temperature	Operating: 0°C to 50°C (32°F to 122°F) While Charging: 0°C to 40°C (32°F to 104°F)
Humidity	0 to 95% relative humidity, non-condensing
Drop	Designed to withstand 30 1.4 m (4') drops to concrete
Environmental Sealing	IP42
Light Levels	0 to 100,000 lux (9,290 foot-candles)

Scan Performance

Scan Pattern	Area Image (640x480 pixel array)
Motion Tolerance	Up to 10 cm/s (4 in/s) for 13 mil UPC at optimal focus
Scan Angle	Horizontal 41.4°; Vertical 32.2°
Symbol Contrast	35% minimum reflectance difference
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.

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Typical Performance*	
Narrow Width	Depth of Field
5 mil Code 39	44 mm - 115 mm (1.7" – 4.5")
13 mil UPC	39 mm – 292 mm (1.5" – 11.5")
20 mil Code 39	43 mm – 408 mm (1.7" – 16")
6.7 mil PDF417	36 mm – 117 mm (1.4" – 4.6")
10 mil DM	35 mm – 122 mm (1.4" – 4.8")
20 mil QR	32 mm – 233 mm (1.3" – 9.2")

* Performance may be impacted by bar code quality and environmental condition

For more information:

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