VOYAGER 1602g

Wireless Upgradeable Pocket Scanner

Honeywell's affordable Voyager 1602g pocket scanner packs high-performance barcode scanning technology into an elegant and pocketable form factor—making it the perfect tablet scanning companion.



The Voyager 1602g packs high performance scanning into the palm of your hand.

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 scan engine found in our full-size handheld scanners.

The Voyager 1602g is capable of scanning virtually all 1D and 2D bar codes—even poor quality, damaged, or low contrast codes. It is even possible to read bar codes right off customers' mobile phone screens, preparing organizations 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 illumination make scanning fun and easy.

With an integrated Bluetooth® Class 1 radio, Voyager 1602g pairs quickly with Apple iOS, Android® and Windows® mobile devices—as well as standard PCs and laptops equipped with Bluetooth technology. Enjoy wireless freedom of movement up to 50meters(164 feet) from the host device without worrying about battery life, thanks to a user-replaceable battery that lasts up to 3600 scans over 20 hours.

FEATURES AND BENEFITS

Incorporates Honeywell's high performance area-imaging engine for aggressive, omnidirectional 1D and 2D bar code scanning.

Capable of reading bar codes off smartphone screens—mobile coupons, digital wallets, and digital loyalty cards.

Bluetooth wireless technology provides freedom of movement up to 50m (164ft) from host device.

Features a battery rated for up to 3600 scans over 20 hours, rechargeable over standard microUSB.

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Voyager 1602g Technical Specifications

WIRELESS CONNECTIVITY

Radio/Range: 2.4 to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth v4.2; Class 1: 50m(164ft) line of sight

ELECTRICAL

Battery: 750 mAh Li-ion minimum, replaceable

Number of Scans: Up to 3,600 scans per full charge

Expected Hours of Operation: 20 hours at 3 scans per minute

Expected Charge Time: 3 hours

Interface: HID keyboard wedge, Serial Port Profile (SPP)

Keyboard: Support 84 international keyboards

User Interactions: Good decode LEDs, Battery status LED, Bluetooth connectivity LED, Beeper (adjustable tone and volume), Scan button, Secondary programmable button

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: IP52

Light Levels: 0 to 100,000 lux (9,290 foot-candles)

SCAN PERFORMANCE

Scan Pattern: Area Image (1040*720 pixel array)

Frame Per Second: 60FPS

Scan Angle: Horizontal 41.4°; Vertical 32.2°

Symbol Contrast: as low as 15%

Illumination: White

Aimer: Red Bar

TYPICAL PERFORMANCE*

NARROW WIDTH	DEPTH OF FIELD
5mil Code 39	24mm - 202mm (1" - 7.9")
13mil UPC	39mm - 324mm (1.6" - 12.7")
20mil Code 39	42mm - 511mm (1.7" - 20.1")
6.7mil PDF417**	23mm - 177mm (0.9" - 6.9")
10mil DM**	12mm - 168mm (0.5" - 6.6")
20mil QR**	24mm - 262mm (1" - 10.3")

MINIMUM RESOLUTION

1D	3.5mil
PDF417	4mil
QR/DM	6mil

Accessories: Micro USB cable, spare battery, hand band, wrist band, Bluetooth access point, battery charger

Utilities and Management: EZConfig, SMU, Total Freedom Plugins, SDKs, Various Drivers

Warranty: 3 year factory warranty (Battery:1-year)

For a complete listing of all compliance approvals and certifications, please visit www.honeywell.com/PSScompliance.

For a complete listing of all supported barcode symbologies, please visit http://honeywell.com/PSS-symbologies.

Apple, Android, Bluetooth, and Windows are trademarks or registered trademarks of their respective owners.

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

** Only the 2D version of 1602g supports these symbologies

For more information

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Voyager 1602g Datasheet | A4 | Rev E | 07/25
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