# 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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