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. 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 aimer make scanning fun and easy.



Proof that mini can be mighty: the Voyager 1602g packs high performance scanning into the palm of your hand.

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 10 meters (33 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.

FEATURES & BENEFITS

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

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

Ready for your evolving data capture needs, the 1602g can be purchased as a 1D scanner and affordably upgraded to 2D scanning at any time in the future.

Bluetooth wireless technology provides freedom of movement up to 10 m (33 ft) from host device.

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

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.

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

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**.

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1602g-DS Rev B 10/15
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