Honeywell

Voyager 1450g

Upgradeable Area-Imaging Scanner

Across many industries, 2D bar coding is becoming the new standard. Not only is it possible to hold much more data in a 2D code, but government regulations and supplier mandates are requiring their adoption. Enterprises are also looking to leverage emerging trends that require area-imaging technology—today or in the near future—without the need to purchase additional scanning hardware, or settle for reduced scanning performance.

The Voyager 1450g allows enterprises to embrace area-imaging at their own pace, and in the most cost-effective manner. Built on the platform of Honeywell's world-renowned Voyager series of handheld scanners, the Voyager 1450g delivers omnidirectional reading of linear bar codes, plus the ability to affordably upgrade the device to enable PDF and 2D bar code scanning—either at the time of purchase, or as data capture needs evolve.

For those who only need the ability to read linear and 2D bar codes, the Voyager 1450g is the perfect fit. It doesn't include additional area-imaging features such as advanced image capture and processing applications; allowing Honeywell to keep costs down while offering aggressive linear and 2D scanning at an attractive price.

The Voyager 1450g offers an exceptional value for enterprises that require the versatility of area-imaging technology today or may need it in the future. Produced by a company with decades of experience in engineering quality data capture solutions, Honeywell's Voyager 1450g area-imaging scanner is a smart—and scalable—investment.



Features

- **Reliable Data Collection:** Offers omnidirectional reading of virtually all linear bar codes and the most widely used 2D bar codes, including poor quality and mobile bar codes (2D decoding available in select models).
- **Mobile Phone Reading:** Scans coupons, mobile tickets and digital wallets from the screens of mobile devices.
- **Future Proof:** Delivers affordable scanning of 2D bar codes, allowing enterprises to meet their current and future bar code scanning needs with a single device.
- **Flexible Licensing Solution:** Meets diverse scanning requirements by offering models with basic functionality, with software licenses enabling additional functionality as needs evolve.

Voyager 1450g Technical Specifications

Mechanical	
Dimensions (LxWxH)	62 mm x 169 mm x 82 mm (2.4” x 6.6” x 3.2”)
Weight	130g (4.6 oz)
Electrical	
Input Voltage	4.0 to 5.5 VDC
Operating Power	2 W (400mA @ 5 VDC)
Standby Power	0.45 W (90mA @ 5 VDC)
Host System Interface	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)
Environmental	
Operating Temperature[1]	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	Up to 95% relative humidity, non-condensing
Drop	Designed to withstand 30 1.5m (5’) drops to concrete
Environmental Sealing	IP40
Light Levels	0 to 100,000 lux (9,290 foot-candles)
Scan Performance	
Scan Pattern	Area Image (640 x 480 pixel array)
Motion Tolerance	Up to 10 cm/s (4 in/s) for 13 mil UPC at optimal focus
Scan Angle	Horizontal 37.8°; Vertical 28.9°
Symbol Contrast	35% minimum reflectance difference
Pitch, Skew	±60°, ±70°
Decode Capability	1450g1D: All standard 1D symbologies 1450gPDF: All standard 1D and PDF417 symbologies 1450g2D: All standard 1D, PDF417, and 2D symbologies
Warranty	5 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 Code 39	45 – 107 mm (1.8 – 4.2”)
13 mil UPC	37 – 260 mm (1.4 – 10.2”)
20 mil Code 39	42 – 360 mm (1.6 – 14.2”)
6.7 mil PDF417	42 – 107 mm (1.6 – 4.2”)
10 mil DM**	42 – 107 mm (1.6 – 4.2”)
20 mil QR	32 – 210 mm (1.2 – 8.3”)

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

** Data Matrix (DM)

For more information:

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