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Vuquest 3320g

Area-Imaging Scanner

The Honeywell Vuquest™ 3320g compact area-imaging scanner offers aggressive scanning of all 1D, PDF and 2D barcodes in a lightweight, durable and portable form factor. The scanner's sleek and elegant design also blends seamlessly in retail environments.

Powered by Adaptus™ Imaging Technology 6.0, the Vuquest 3320g scanner delivers superior barcode scanning and digital image capture. Aggressive reading of barcodes on highly reflective surfaces, such as mobile phone screens, eliminates the need to purchase additional specialty hardware.

Designed with the customer in mind, the unobtrusive illumination contained within the Vuquest 3320g scanner reduces the annoying after-effects commonly associated with the illumination used in imaging-based scanners.

The TotalFreedom™ 2.0 second-generation development platform expands scanner functionality by allowing decoding and formatting plug-ins to be loaded directly onto the Vuquest 3320g scanner, enabling enterprises to rapidly support proprietary or newly developed symbologies.

The ability to control the triggering of an external device such as a beeper, photo eye or illumination via external I/O capabilities allows the Vuquest 3320g scanner to enter new markets once reserved for expensive industrial products.

With its small size, ergonomically friendly thumb-activated button and clearly visible indicator LEDs, the Vuquest 3320g scanner offers a dependable handheld or wearable scanning solution. The Vuquest 3320g scanner also offers universal mounting and robust presentation mode scan performance, making the device an ideal fixed-mount scanning solution for use in light industrial applications and kiosks.



The modern and compact Vuquest 3320g area-imaging scanner provides superior-performance scanning of all printed barcodes, and digital barcodes on any smart device.

FEATURES & BENEFITS

The intelligent multi-interface design supports all popular interfaces in one device, replacing the time-consuming process of scanning programming barcodes with automatic interface detection.

TotalFreedom enables the loading and linking of multiple applications directly onto the scanner, eliminating the need for host system modifications while offering expanded decoding and data formatting functionality.

Easily scans barcodes directly from mobile device or computer screens, almost as if they were printed on paper.

Laser-free aiming provides an accurate scan indication, creating a customer-friendly operating environment while removing the risk of eye injury.

A flexible licensing solution allows current scanning needs to be met while protecting the option to upgrade scanning capabilities in the future by simply purchasing a license for the appropriate feature.

Vuquest 3320g Technical Specifications

MECHANICAL

Dimensions (L x W x H): 73 mm x 51 mm x 26 mm (2.9 in x 2.0 in x 1.0 in)
Weight: 77 g (2.7 oz)
Termination: 15-POS D-Sub connector

ELECTRICAL

Input Voltage: 5VDC ± 0.25V
Operating Power: 2.3W (450mA @ 5V)
Standby Power: 0.45W (90mA @ 5V)
Host System Interfaces: USB, RS-232 and Keyboard Wedge

ENVIRONMENTAL

Operating Temperature: 0°C to 40°C (32°F to 104°F)
Storage Temperature: -20°C to 70°C (-4°F to 158°F)
Humidity: 5% to 95% relative humidity, non-condensing
Drop: Designed to withstand 1.5 m (5 ft) drops
Environmental Sealing: IP53
Light Levels: 0 to 100,000 lux (9,290 foot-candles)

SCAN PERFORMANCE

Scan Pattern: Area Image (838 x 640 pixel array)
Motion Tolerance: >270 cm/s (106 in/s) at focal point
Scan Angle: Horizontal: 42.4°, Vertical: 33°
Focal Point: 127 mm (5 in)
Print Contrast: 20% minimum reflectance difference
Pitch, Skew: ±45°, ±65°
Decode Capability: Reads standard 1D, PDF, 2D, Postal and OCR symbologies. Note: Decode capabilities dependent on kit configuration
Warranty: Two-year factory warranty

TYPICAL PERFORMANCE*	
NARROW WIDTH	Depth of Field
5 MIL (CODE 39)	55 mm – 159 mm (2.2 in – 6.3 in)
7.5 MIL (CODE 39)	35 mm – 239 mm (1.4 in – 9.4 in)
10 MIL (CODE 39)	26 mm – 330 mm (1.0 in – 13.0 in)
13 MIL (UPC-A)	39 mm – 435 mm (1.5 in – 17.1 in)
6.7 MIL (PDF417)	36 mm – 178 mm (1.4 in – 7.0 in)
10 MIL (DM*)	47 mm – 216 mm (1.9 in – 8.5 in)
RESOLUTION: 1D (CODE 39): 5 MIL (0.125 MM) 2D (DATA MATRIX): 6.7 MIL (0.170 MM)*	

*PERFORMANCE MAY BE IMPACTED BY BARCODE QUALITY AND ENVIRONMENTAL CONDITIONS.

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

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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For more information
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