

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 \pm 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: -20°C to 50°C
(-4°F to 122°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: \pm 45°, \pm 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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