Genesis 7580g

Area-Imaging Scanner

The Honeywell Genesis™ 7580g, the world's first presentation area-imaging scanner engineered to decode all standard 1D, PDF, and 2D codes, provides enhanced productivity and revolutionary imaging technology in an elegant, yet durable design.

Powered by Adaptus™ imaging technology, the Genesis 7580g scanner redefines industry standards for imaging solutions. Breakthrough performance and a versatile form factor make this product suitable for environments ranging from manufacturing to healthcare to retail POS. Aggressive reading of barcodes on highly reflective surfaces, such as mobile phone screens, eliminates the need to purchase additional specialty hardware.

Patented CodeGate™ technology along with an activation button support menu-scanning and other targeted-scanning applications. Automatic cable detection and configuration simplifies migration to a new interface by eliminating the need to scan programming barcodes. Three additional patented technologies augment the Genesis 7580g scanner's unmatched feature set:

Shielded LEDs minimize the intense flashing common among other area imagers.

CodeSelect™ allows the Genesis 7580g scanner to capture up to 15 barcodes in a single flash and output data in any predetermined order.

TotalFreedom™ expands scanner functionality by allowing decoding and formatting plug-ins to be loaded directly onto the scanner, enabling enterprises to rapidly support proprietary or newly developed symbologies.

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FEATURES & BENEFITS

Excels at scanning coupons and mobile tickets directly from the screen of a mobile device.	Second-generation TotalFreedom plug-in development platform enables the loading and linking of multiple applications directly onto the scanner, eliminating the need for host system modifications.	Improves document management by capturing and storing electronic images, including coupons, personal checks, signatures, and damaged packages.	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.	Remote MasterMind™ management software provides a quick and convenient solution for IT administrators seeking to manage all scanners within their network from a single remote location.

Genesis 7580g Technical Specifications

MECHANICAL

Dimensions (L x W x H): 80 mm x 83 mm x 150 mm (3.2 in x 3.3 in x 5.9 in)
Weight: 340 g (12 oz)

ELECTRICAL

Input Voltage: 5.5V DC ±0.25V
Operating Power: 2.0 W (400 mA @ 5V)
Standby Power: 0.5 W (100 mA @ 5V)
Host System Interfaces: USB, RS-232, Keyboard Wedge, IBM 46xx (RS-485)
Auxiliary Ports: EAS with interlock (EAS model)

ENVIRONMENTAL

Operating Temperature: 0°C to 40°C (32°F to 104°F)
Storage Temperature: -40°C to 60°C (-40°F to 140°F)
Humidity: 0% to 95% relative humidity, non-condensing
Drop: Designed to withstand 1.5 m (5 ft) drops
Environmental Sealing: Sealed to resist airborne particulate contaminants
Light Levels: 100,000 Lux

SCAN PERFORMANCE

Scan Pattern: Area Image (832 x 504 pixel array)
Motion Tolerance: 200 cm/s (78 in/s) for 13 mil UPC at optimal focus
Scan Angle: Horizontal: 46°; Vertical: 28°
Print Contrast: 20% minimum reflectance difference
Pitch, Skew: 70°, 75°
Decode Capability: Reads standard 1D, PDF, 2D, Postal, and OCR symbologies. Note: Decode capabilities dependent on kit configuration.
Warranty: 3-year factory warranty

TYPICAL PERFORMANCE*	
NARROW WIDTH	DEPTH OF FIELD
5.0 mil (1D)	10 mm – 80 mm (0.4 in – 3.1 in)
7.5 mil (1D)	5 mm – 120 mm (0.2 in – 4.7 in)
10 mil (1D)	0 mm – 165 mm (0 in – 6.5 in)
13 mil (1D)	0 mm – 180 mm (0 in – 7.1 in)
10.0 mil (PDF)	0 mm – 150 mm (0 in – 5.9 in)
20 mil (DM)	2 mm – 190 mm (0.1 in – 7.5 in)

* Resolution: 1D: 4 mil (0.102 mm)
                2D: 7.5 mil (0.19 mm)
* Performance may be impacted by barcode quality and environmental conditions.

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

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

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For more information, please visit us on https://www.barcodes.com.au/honeywell-genesis-ms7580g-kit/ r call us on 1300 800 999

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