GENESIS XP 7680g

Flexible Presentation Scanner

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The Honeywell Genesis™ XP 7680g is a hands-free presentation scanner that delivers an impactful customer experience while increasing business productivity.

BIG VALUE IN A SMALL PACKAGE

Increased Productivity

The Genesis XP features 20% faster scanning speed and a larger scanning area than previous products. Honeywell's field proven XP scanning technology handles poorly printed and damaged barcodes with ease. Impressive depth of field allows barcodes to be read even if placed right at the face of the scanner.

Featuring a full 1 mega-pixel imager and fast processor, the Genesis XP reads barcodes fast and handles a high level of motion tolerance resulting in fewer repeat scans, keeping employees productive and efficient.

Fantastic User Experience

The compact and modern design offers a contemporary experience with minimal counter space required. The 360° tri-color LED ring highlights the scanning target area and provides clear user feedback, offering an intuitive experience for both employees and customers.

The scanning user experience is a key element for delightful customer engagement. The warm, white light illumination is more pleasing to the eye. The automatic object detection feature turns the illumination completely off between scans, so the scanner is not a distraction.

Flexibility and adaptability

The Genesis XP was designed with flexibility in mind allowing it to easily adapt to the workflows of today and tomorrow.

The removeable and adjustable compact stand and angled cable attachment point will allow the product to be placed almost anywhere.

A line of additional smart placement accessories will be available for the Genesis XP supporting wall mount, POS mount, and downward facing installations. A built-in auxiliary expansion port will support future smart accessories, adapting to future needs and requirements.

FEATURES AND BENEFITS

Excels at scanning print and digital barcodes.

Symbologies supported include 1D, 2D, PDF, Dotcode, Digimarc

Improve productivity through faster scanning and fewer bad scans.

Scanning speed is 20% faster than previous model

Rugged and durable design can withstand abuse.

Drop and tumble tested to stringent requirements

A future proof design adapts to changing workflow needs.

Future smart placement will expand placement options and enhance capabilities

Self-Optimization capability available in future.

Firmware is field upgradeable and pin connector will support future accessories.

Honeywell

Genesis XP 7680g Technical Specifications

ELECTRICAL

Input Voltage: 5.0V DC Typical
Operating Power: 2.5 W (500mA @ 5V)
Host System Interfaces: USB, RS-232, Keyboard Wedge, IBM 46xx (RS-485)
Auxiliary Ports: Pin Connector for future expandability

MECHANICAL

Dimensions (L x W x H):
80 mm x 40 mm x 105 mm, 145 mm w/ stand;
(3.2 in x 1.6 in x 4.1 in, 5.7 in w/ stand)
Weight: 340 g (12 oz)
Trigger: Top mounted button

ENVIRONMENTAL

Operating Temperature: 0°C to 50°C; (32°F to 122°F)
Storage Temperature: -40°C to 70°C; (-40°F to 158°F)
Humidity: 0% to 95% relative humidity, non-condensing
Drop: 50 drops @ 1.5 m
Tumble: 1,000 tumbles @ 0.5 m
Environmental Sealing: IP52
Light Levels: 100,000 Lux
Beeper: 90db @ 10 cm

SCAN PERFORMANCE

Scan Pattern: Area Image 1,280 x 800 pixel array, 1Mp
Motion Tolerance: 400 cm/s (158 in/s) for 13 mil UPC at optimal focus
Scan Angle: Horizontal: 48°; Vertical: 30°
Print Contrast: 20% minimum reflectance difference
Pitch, Skew: 65°, 65°
Decode Capability: Reads standard 1D, 2D, PDF, 2D, Dotcode symbologies, Digimarc supported
Note: Decode capabilities dependent on kit configuration.

TYPICAL PERFORMANCE*

High performance scanning right at face of scanner Snapdragon 801 quad-core.

NARROW WIDTH DEPTH OF FIELD

3.0 mil C39 (1D) 0 mm – 98 mm (0 in – 3.9 in)
5.0 mil C39 (1D) 0 mm – 151 mm (0 in – 6.0 in)
10 mil (DM) 0 mm – 129 mm (0 in – 5.1in)
13 mil UPC(1D) 0 mm – 250 mm (0 in – 9.9 in)
6.7 mil (PDF) 0 mm – 138 mm (0 in – 5.4 in)
20 mil (QR) 0mm – 212 mm (0 in – 8.3 in)

***Resolution:** 1D: 3 mil (0.076 mm); 2D 5 mil (0.127 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.

Warranty: 3-year factory warranty

GENESIS XP 7680g ACCESSORIES

Compatibility

The Genesis XP is compatible with Honeywell's comprehensive suite of software tools, plugins and the Operational Intelligence platform. The Genesis XP is backwards compatible with legacy Genesis cables in the field.

Smart Placement Accesories

Additional accessories are coming soon to support a wide variety of installation applications and options.



POS Mount



Wall Mount



Vertical Mount

GENESIS XP 7680g CONFIGURATIONS AND ACCESSORIES

Scan Module Only
Perfect for field upgrades of existing equipment. The scan module is backwards compatible with existing cables from our previous model. Also, a great choice for kiosk integration or to mount with one of our smart placement accessories.

Scan Module w/Stand
Includes the scan module and pivoting stand. A great choice for countertop applications. The stand is also detachable, adding future placement options.

Kit with Scan Module, Stand & Cable
Full featured kit available with either a USB cable or an RS232 cable and power supply. Our newly designed USB and RS232 interface cables feature a shorter strain relief for greater flexibility and an improved appearance.

Note: Standard kits use black colored housings, black colored stands and black colored cables. Custom kits can be made available with white colored housings, stands, and cables for large business opportunities.



Detachable Stand



Cables (USB & RS232) with Shorter Strain Relief for Improved Flexibility: Genesis XP 7680g is also backwards compatible with legacy Genesis 7580g cables.

KIOSK READY RIGHT OUT OF THE BOX

Genesis XP 7680g Core Module is Perfect for Kiosk Integration

- Contemporary lines and flat face will fit most kiosk implementations.
- 360° tri-color LED ring can be exposed on outer surface of kiosk, or hidden.
- Rear mount cable attachment ideal for hiding cables.



For more information
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