

# SOLARIS™ XP 7990G

## Area-Imaging Vertical Slot Scanner

The Solaris XP 7990G vertical slot scanner leverages Honeywell's XP platform for high throughput presentation scanning.

### ABOUT THE SOLARIS XP 7990G

With a compact, modern design, and powerful imaging capabilities built on Honeywell's extreme performance (XP) platform, the Solaris 7990g fits easily into existing enclosures used in high-volume retail checkout environments such as convenience, drug, specialty, liquor and grocery stores. The Solaris XP features improved snappiness, 4+ m/s motion tolerance, and a wider field of view compared to previous Solaris models. Honeywell's field proven XP technology handles poorly printed and damaged barcodes with ease. The Solaris XP is backwards compatible with previous models, making upgrades fast and simple.



*Solaris XP 7990G Vertical Slot Scanner offers faster scanning and premium performance*

### FEATURES AND BENEFITS



Industry leading performance - Solaris XP outperforms on snappiness and motion tolerance.



Flexible configuration – Comes with full housing as well as housing-free version for integrated applications. Auxiliary ports keep the Solaris XP connected for bottom of the basket scanning.



Backwards Compatible – Rip-and-replace upgrades for existing customers, the Solaris XP is completely backwards compatible with legacy Solaris models.

# SOLARIS™ XP 7990g Technical Specifications

## MECHANICAL

**Dimensions (H x W x D):** 148 mm x 152 mm x 85 mm (5.83 in x 5.98 in x 3.35 in)

**Weight:** 527g (18.6 oz)

## ELECTRICAL

**Scanner Unit (not including auxiliary scanner):**

**Input Voltage:** 5.0 V to 5.2 V

**Operating Current:** 400 mA

**Standby Current:** 270 mA

**Sleep Mode Current:** 210 mA

**Power Supply (sold separately):**

**Input Voltage:** 100 V – 240 V/50 Hz – 60 Hz

**Output Current:** 5.2 V / 1.0 A

**Host System Interfaces:** USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)

## ENVIRONMENTAL

**Operating Temperature:** 0°C to 40°C (32°F to 104°F)

**Storage Temperature:** -20°C to 60°C (-4°F to 140°F)

**Humidity:** 5% to 95% relative humidity, non-condensing

**IP Rating:** IP53

**Light Levels:** 100,000 lux

## SCAN PERFORMANCE

**Scan Pattern:** Area image (1280 x 960 pixel array)

**Motion Tolerance:** 4+ m/s for UPC 13 mil at optimal focal point

**Scan Angle:**

**Horizontal:** 42°

**Vertical:** 34°

**Print Contrast:** 20% minimum reflectance difference

**Pitch, Skew:** +/-65°, +/-75°

**Decode Capability:** Reads standard 1D, PDF, 2D, Postal and OCR symbologies  
Note: Decode capabilities dependent on kit configuration

**Warranty:** 3-year factory warranty

NARROW WIDTH	DEPTH OF FIELD
5 mil (Code 39)	10 mm to 140 mm (0.4 in to 5.5 in)
13 mil (UPC-A)	0 mm to 270 mm (0 in to 10.6 in)
20 mil (Code 39)	0 mm to 300 mm (0 in to 11.8 in)
6.7 mil (PDF417)	20 mm to 140 mm (0.8 in to 5.5 in)
20 mil (DM)	15 mm to 190 mm (0.6 in to 7.5 ft)
20 mil (QR)	0 m to 190 mm (0 in to 7.5 in)
Resolution	1D (Code 39): 3 mil 2D (DM): 8.3mil

For a complete listing of all compliance approvals and certifications, please visit [www.honeywell.com/PSScompliance](http://www.honeywell.com/PSScompliance).

For a complete listing of all supported barcode symbologies, please visit <http://honeywell.com/PSS-symbologies>.

Solaris is a trademark of Honeywell International Inc. in the United States and other countries

## For more information

[sps.honeywell.com](http://sps.honeywell.com)

## Honeywell Safety and Productivity Solutions

855 S Mint St  
Charlotte, NC 28202  
800-582-4263  
[www.honeywell.com](http://www.honeywell.com)