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Honeywell

# 7980G Solaris, 2D scanner, RS232

For retailers looking to elevate checkout throughput, improve the customer experience, and better execute mobile marketing programs, Honeywell's Solaris™ 7980g vertical slot scanner is up to the task. With its compact, modern design and powerful imaging capabilities, the 7980g fits easily into existing enclosures used in high-volume retail checkout environments such as convenience, drug, specialty, liquor and grocery stores. Solaris 7980g corresponds to the new Tobacco Directive - reads DotCode.

Incorporating Honeywell's Adaptus™ 6.0 area-imaging technology, the 7980g delivers exceptional scanning performance on 1D and 2D barcodes and can even read smartphone screens, digital wallets and printed identification cards. Omni-directional scanning capability—along with an extended depth of field and advanced decoding software—allows cashiers to scan virtually all barcodes on first pass, with minimal concern for orientation or barcode print quality.




For retailers that anticipate the need to read 2D codes in the future, but do not need this capability today, the 7980g can also be purchased as an omnidirectional 1D scanner with the capability to be affordably upgraded to a full 2D area-imager at any point in the future. Now, it's no longer necessary to purchase new scanners when your data capture needs evolve; the Solaris 7980g grows with your business.

Installing 7980g into an existing checkout systems is easy. Multiple on-board interfaces make the 7980g compatible with most POS systems, and automatic interface detection speeds up installation. A handheld scanner can be connected via a multi-function USB auxiliary port, providing a single point of communication. The 7980g further simplifies integration by drawing power directly through USB, eliminating the need for an additional power supply and cabling

**Key features Solaris 7980g:**

- Available with powerful 2D imaging capable of reading digital coupons off smartphone screens, and printed ID cards
- Soft, white LED illumination eliminates glare without compromising performance
- Purchase the 7980g as a linear scanner, and upgrade it to a full area-imaging 2D scanner in the future – as your data capture needs evolve
- Simple to install, with integrated EAS, power-over-USB, and an auxiliary USB port for scanner connectivity
- Easy to use, with a capacitive touch button and intuitive LED indicators that face the user


RS 232
1D CODE
2D CODE
2D
IMAGER
READER
WIRED

# Technical Description

| | |
|---|---|
| **Functionality & Operation** | |
| Communication interface | RS232 |
| 1D Barcode Symbologies | All standard one-dimension barcodes |
| 2D Code Symbologies | all standard 2D-Codes, DotCode |
| **Optical** | |
| Bar code scanner | 2D Imager |
| **Electrical** | |
| Power Source | Input: 100 ~ 240 VAC, 50~60 Hz, 5A |
| **Mechanical** | |
| Dimensions | Width: 152mm, Height: 148mm Length: 85mm |
| Color | black |
| Weight | 530g |
| **Environment** | |
| Storage humidity (non-condensing) | 5 to 95% |
| Maximal ambient light | 10000lux |
| Storage temperature | -20 to 60°C |
| Operating temperature | 0 to 40°C |
| Ingress protection | IP54 |
| **Others** | |
| Warranty | 3 years |

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