

**Honeywell®**

## 7190g Orbit hybrid, 1D and 2D barcode omnidirectional reader

The Orbit 7190g scanner is designed for highly efficient retail checkouts, with a unique dual-modes design that enables seamless scanning of both merchandise barcodes and digital barcodes off customer smartphones.

The Orbit™ 7190g scanner incorporates breakthrough hybrid technology that combines omnidirectional laser scanning and integrated area-imaging to provide a barcode reading platform optimized for highly efficient checkouts. Like other Orbit scanners, it delivers superior pass-through scanning of merchandise linear barcodes, while simultaneously helping retailers address the growing need for digital barcodes reading – without requiring an additional scanner.



Like other Orbit scanners – the best-selling hands-free scanners of all time – the Orbit 7190g scanner is an innovative, elegant and affordable solution for convenience retail applications where counter space is at a premium. The award-winning shape enables handheld scanning of large, bulky items. For added flexibility, the scanning head can be tilted within a 30° range to accommodate objects of various sizes and shapes.

The Orbit 7190g scanner seamlessly works for both merchandise scanning by the cashier, and digital barcodes scanning off smartphones by customers. With the dual-modes design, the scanner is automatically optimized for both applications while eliminating the customer annoyance of a laser and LED illumination.

The Orbit 7190g is a plug-and-play scanner, and installing it into existing checkout systems is easy. Multiple on-board interfaces make the Orbit 7190g scanner compatible with most POS systems, and automatic interface detection enables the scanner to configure itself to the appropriate interface upon connection – eliminating the cumbersome task of scanning programming barcodes. The Orbit 7190g scanner also simplifies integration by drawing power directly through USB, eliminating the need for an additional power supply and cabling



# Technical Description

## Functionality & Operation

1D Barcode Symbolologies	All standard one-dimension barcodes
2D Code Symbolologies	all standard 2D-Codes
Configuration	by programming barcodes

## Optical

Scanning rate	1120 scan lines per second
Scannig pattern	5 directions
Minimum symbol contrast	35%
Maximal skew angle	60°

## Electrical

Power Source	5 VDC $\pm$ 0.25V
Power Consumption - Operation	472mA
Power Consumption - Standby	255mA

## Mechanical

Weight	410g
Dimensions	Width: 103mm, Height: 148mm Length: 108mm

## Environment

Operating humidity (non-condensing)	5 to 95%
Storage humidity (non-condensing)	5 to 95%
Shock resistance	drop from 1,2 m onto concrete surface
Maximal ambient light	100000lux
Operating temperature	0 to 40°C
Storage temperature	-40 to 60°C

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