Honeywell

Orbit 7120/OrbitCG 7180

Omnidirectional Laser Scanners

Honeywell's Orbit® series of scanners provide aggressive omnidirectional scanning in an award-winning design for retailers seeking an affordable, aesthetically-pleasing scanning solution.

Orbit, the all-time, best-selling hands-free omnidirectional scanner, presents an innovative, elegant and affordable solution for convenience retail applications where counter space is at a premium.

Compact, lightweight and rugged, Orbit maximizes customer satisfaction and employee efficiency with a patented 20-line scan pattern, an easy-to-find sweet spot and a scan speed of 1,120 scans per second.

Recipient of multiple design honors, Orbit's award-winning shape enables hand-held 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.

For applications that require menu scanning, OrbitCG 7180 combines the power of patented CodeGate® technology with many of the outstanding features already found in the Orbit® 7120. CodeGate technology allows the user to easily target the desired bar code and complete data transmission with the push of a single button.

The scanner's expanded ability to update its firmware via Honeywell's free patented MetroSet®2 configuration software safeguards long-term infrastructure commitments in the event of a change in the POS system or software.

Standard features include an integrated EAS antenna for tag deactivation (OrbitCG 7180 only), power save mode, user-replaceable cables, Honeywell's patented MetroSelect and MetroSet®2 for easy configuration, data editing and OPOS/JPOS compatibility for easy installation.

Features

- **20 Scan Line Omnidirectional Pattern:** Provides aggressive scanning as an additional benefit to hand presentation applications
- **Sweet Spot Scanning:** Engineered "sweet spot" to optimize scan performance and first pass read rate
- **Adjustable Scan Head:** Ability to tilt scanner 30° for targeted scanning or larger products

- **Flash ROM:** Protects POS investment with free firmware updates via MetroSet®2 software and standard PC
- **Automatic Scanning Operation:** Simply present a bar code and the unit scans in a single pass
- **Built-in RF EAS Antenna (Orbit 7180 only):** Increases efficiency by simultaneously deactivating RF EAS tags and decoding bar codes

Orbit 7120/OrbitCG 7180 Technical Specifications

Mechanical	
Dimensions (LxWxH)	105 mm x 102 mm x 150 mm (4.1˝ x 4.0˝ x 5.9˝)
Weight	400 g (14.1 oz)

Electrical	
Input Voltage	5 VDC ± 0.25 V
Operating Power	900 mW (180 mA @ 5 V)
Standby Power	850 mW (170mA @ 5 V)
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 468xx (RS485), Light Pen Wand Emulation

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	5% to 95% relative humidity, non-condensing
Drop	Designed to withstand 1.2 m (4´) drops
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	4842 Lux

Scan Performance	
Scan Pattern	Omnidirectional: 5 fields of 4 parallel lines; button activated single line (7180)
Scan Speed	Omnidirectional: 1120 scan lines per second; single line: 56 scan lines per second (7180)
Print Contrast	35% minimum reflectance difference
Pitch, Skew	60°, 60°
Decode Capability	Reads standard 1D and GS1 DataBar symbologies
Warranty	3 year factory warranty

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance
For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies

LASER LIGHT.
DO NOT STARE INTO BEAM
CLASS 1 LASER PRODUCT
IEC 60825-1 Ed 2 (2007).
Complies with 21 CFR 1040.10 and 1040.11
except for deviations pursuant to Laser
Notice No. 50, dated June 24, 2007.

Typical Performance*	Orbit 7120	Orbit 7180
Narrow Width	Depth of Field	Depth of Field
5.2 mil	0 mm - 50 mm (0˝ - 2.0˝)	0 mm - 50 mm (0˝ - 2.0˝)
7.5 mil	0 mm - 150 mm (0˝ - 5.9˝)	0 mm - 150 mm (0˝ - 5.9˝)
10 mil	0 mm - 175 mm (0˝ - 6.9˝)	0 mm - 220 mm (0˝ - 8.7˝)
13 mil	0 mm - 215 mm (0˝ - 8.5˝)	0 mm - 275 mm (0˝ - 10.8˝)
26 mil	0 mm - 250 mm (0˝ - 9.8˝)	0 mm - 300 mm (0˝ - 11.8˝)
*Resolution: 5 mil (0.125 mm)		
*Performance may be impacted by bar code quality and environmental conditions		

For more information:

www.honeywellaidc.com

Honeywell Scanning & Mobility

9680 Old Bailes Road

Fort Mill, SC 29707

800.582.4263

www.honeywell.com

Honeywell

BarcodesInc
200 West Monroe Street
Chicago, Illinois 60606

Phone: 1-800-351-9962
Fax: 1-312-212-1800
www.barcodesinc.com

About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of [garbled text] [garbled text] [garbled text] [garbled text] [garbled text] [garbled text] [garbled text] 2009.

We Owe Our Success To You

[garbled text]

Why Choose BarcodesInc?

Dedicated Account [garbled]

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

BRANDS

MOTOROLA

ZEBRA

Intermec

Honeywell

DATALOGIC

SATO

datamax·o'neil

EPSON

elo TOUCHSYSTEMS

star

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CISCO

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AND MORE