

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 $\pm$ 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



For more information:
www.honeywellaidc.com

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		

Honeywell Scanning & Mobility

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 12,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.

Our Brands



MOTOROLA



Intermec

Honeywell

DATALOGIC



datamax • o'neil

Metrologic

LXE

EPSON

elo

star

unitech

PRINTRONIX

symbol



**All Brands
Technical Service**

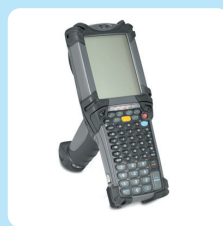
Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



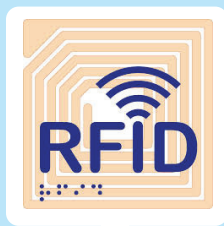
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)