Orbit 7120/OrbitCG 7180

Omnidirectional Laser Scanner

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

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

Compact, lightweight and rugged, the Orbit scanner 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, the Orbit scanner's 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.

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

The scanner's expanded ability to update its firmware via free, patented Honeywell 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 scanner only), power save mode, user-replaceable cables, Honeywell patented MetroSelect™ and MetroSet 2 for easy configuration, data editing and OPOS/JPOS compatibility for easy installation.



With an ultra-compact, award-winning design and fast scan speeds, Orbit series scanners are ideal for retail operations where counter space is at a premium.

DISTRIBUIDOR AUTORIZADO:

CALI: Calle 38 AN No. 4N - 183 PBX: 665 1117 - 317 363 7420 **MEDELLÍN:** Carrera 73 A No. 31 A - 78 PBX: 235 2205 – 448 9971
mercadeo@etimarcas.com – www.etimarcas.com

ETIMARCAS
TECNOLOGÍA QUE IDENTIFICA

Honeywell

FEATURES & BENEFITS

A 20-line scan omnidirectional pattern provides aggressive scanning as an additional benefit to hand presentation applications.

The Orbit scanner has an engineered "sweet spot" to optimize scan performance and first pass read rate.

An adjustable scan head enables users to tilt the scanner 30° for targeted scanning of larger products.

Retail operations can protect their POS investment with free firmware updates via MetroSet 2 software and a standard PC.

A built-in RF EAS antenna (Orbit 7180 scanner only) increases efficiency by simultaneously deactivating RF EAS tags and decoding barcodes.

Orbit 7120/OrbitCG 7180 Technical Specifications

MECHANICAL

Dimensions (L x W x H): 105 mm x 102 mm x 150 mm (4.1 in x 4.0 in x 5.9 in)

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 (170 mA @ 5 V)

Host System Interfaces: USB, RS-232, Keyboard Wedge, IBM 468xx (RS485)

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 ft) 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: Three-year factory warranty



TYPICAL PERFORMANCE*	ORBIT 7120	ORBIT 7180
NARROW WIDTH	Depth of Field	Depth of Field
5.2 MIL	0 mm – 50 mm (0 in – 2.0 in)	0 mm – 50 mm (0 in – 2.0 in)
7.5 MIL	0 mm – 150 mm (0 in – 5.9 in)	0 mm – 150 mm (0 in – 5.9 in)
10 MIL	0 mm – 175 mm (0 in – 6.9 in)	0 mm – 220 mm (0 in – 8.7 in)
13 MIL	0 mm – 215 mm (0 in – 8.5 in)	0 mm – 275 mm (0 in – 10.8 in)
26 MIL	0 mm – 250 mm (0 in – 9.8 in)	0 mm – 300 mm (0 in – 11.8 in)

Resolution: 5 mil (0.125 mm)

Performance may be impacted by barcode quality and environmental conditions

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

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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