QuantumT 3580

Omnidirectional Laser Scanner

Honeywell's QuantumT® 3580 provides retailers with industry-leading omnidirectional scan performance and optional single-line scanning in a convenient size. The small footprint and numerous stand options for QuantumT minimize required counter space, increasing available room for merchandise and advertisement displays.

Ideal for presentation scanning in moderate-volume retail environments such as convenience stores, liquor stores and pharmacies, end users can individually customize the scan pattern and operate the scanner in either a hand-held or hands-free fashion. In addition, its rugged, rubber housing provides the necessary protection against daily operational use.

QuantumT, with an industry-leading 1,650 scans/second, provides aggressive first-pass scanning, reducing the time it takes to scan products, increasing customer satisfaction and employee efficiency. The single-line scan feature, enabled by the push of a button, saves time and reduces unwanted scans on menu-style codes by providing targeted scanning through Honeywell's patented CodeGate® technology. Hand-held operation ensures easy scanning of larger, bulkier products that cannot be easily presented to stationary scanners.

QuantumT can be positioned at the user's convenience: mounted to a wall or countertop, atop one of four optional stands, or free standing for easy hand-held use. Other key features include Honeywell's patented IR activation mode, user-replaceable Powerlink cables and Flash memory.



Features

- **Omnidirectional/Single-Line Mode:** Alternate between 20 scan lines for omnidirectional scanning and a single scan line for menu scanning
- **Sleep Mode with IR Wake-Up:** Multiple sleep modes reduce power consumption, extending life and lowering cost of operation
- **Small Footprint:** Keeps valuable counter space clear
- **Optional Stands:** Customize the height of the scanner for unique applications
- **OPOS and JPOS System Compatible:** Easily adaptable to any end-user environment

QuantumT 3580 Technical Specifications

Mechanical	
Dimensions (LxWxH)	66 mm x 67 mm x 108 mm (2.6″ x 2.7″ x 4.3″)
Weight	170 g (6 oz)
Electrical	
Input Voltage	5 VDC ± 0.25 V
Operating Power	1.4 W (275 mA @ 5 V)
Standby Power	1.2 W (230 mA @ 5 V)
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 46xx (RS485), OCIA, Laser Emulation, Light Pen Wand Emulation
Environmental	
Operating Temperature	-20°C to 40°C (-4°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 1.5 m (5´) 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
Scan Speed	Omnidirectional: 1650 scan lines per second; Single line: 80 scan lines per second
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

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Printers, labels, supplies, matched

Typical Performance*	
Narrow Width	Depth of Field
5.2 mil	38 mm - 101 mm (1.5″ - 4.0″)
7.5 mil	19 mm - 184 mm (0.8″ - 7.3″)
10.4 mil	19 mm - 235 mm (0.8″ - 9.3″)
13 mil	19 mm - 273 mm (0.8″ - 10.8″)
26 mil	19 mm - 298 mm (0.8″ - 11.8″)

*Resolution: 5 mil (0.125 mm)
*Performance may be impacted by bar code quality and environmental conditions

For more information:
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