

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 \pm 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



For more information:
www.honeywellaidc.com

| 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

Honeywell Scanning & Mobility

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