

Granit 1980i

Industrial Full-Range Area-Imaging Scanners

The Granit™ 1980i industrial scanner features full-range area-imaging technology capable of reading both 1D and 2D barcodes from six inches (15 cm) to over 50 feet (15 meters). From poor quality 7.5 mil paper codes scanned at arm's length to 100 mil retro-reflective codes hanging from warehouse rafters, the 1980i is built to read virtually all barcodes across its unmatched range, supporting maximum operator productivity in the harshest environments.

The 1980i is packed with technologies that make it simple to use. An integrated laser pointer aiming system with auto-illumination, omni-directional reading capability, and support for center-decode scanning take the guesswork out of scanning at extended ranges. Operators of fork trucks equipped with vehicle-mounted mobile computers, such as the Honeywell Thor series, will appreciate how the full-range scanning capability of 1980i allows them to remain seated—and hence more productive—while scanning pallets at extended ranges.

As a member of the Granit family of scanners, the 1980i is built to withstand the varied demands of harsh working environments. Utilizing the Granit housing that has long set the standard for scanner reliability, the 1980i is rated IP65 and is built to survive 5,000 tumbles from 3.2 feet (one meter) and 50 drops to concrete from 6.5 feet (two meters)—even in temperatures as low as -22°F (-30°C). As a result, operations that deploy Granit scanners can expect to experience minimal device downtime and a lower overall cost of ownership.



Preliminary Specifications
Subject to Change

Features

- **Full-Range Area-Imaging Performance:** Scan virtually all 1D and 2D barcodes from 6 in (15 cm) to over 50 ft (15 m) away.
- **Built Granit Tough:** Tested to withstand the toughest environments, Granit is rated IP65 and can withstand 5,000 tumbles from 3.2 ft (1 m) and 50 drops to concrete from 6.5 ft (2 m).
- **Easy to Use:** A laser-spot aimer, omni-directional scanning, and features such as center-decode take the guesswork out of scanning at extended ranges.
- **Industrial Grade Cable Option:** Tested to withstand 300,000 90-degree bends at temperatures as low as -22°F (-30°C). Continues to communicate when up to 60 pounds of force is applied.
- **Single Scanning Solution:** Can replace and consolidate multiple purpose-built scanners in typical distribution center and warehouse environments.

Granit 1980i Technical Specifications

Mechanical

Dimensions (LxWxH)	133 mm x 75 mm x 195 mm (5.2" x 2.9" x 7.6")
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Electrical

Input Voltage	4.0 to 5.5 VDC
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Host System Interfaces	USB and True RS232
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Environmental

Operating Temperature	-30°C to 50°C (-22°F to 122°F)
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Storage Temperature	-40°C to 70°C (-40°F to 158°F)
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Humidity	0 to 95% relative humidity, non-condensing
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Drop	Designed to withstand 50 2m (6.5') drops to concrete at -30°C
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Tumble	5,000 1m (40') tumbles
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Environmental Sealing	IP65
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Light Levels	0 to 100,000 lux (9,290 foot-candles)
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ESD	±20Kv air discharge, ±8kV contact discharge
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Scan Performance

Scan Pattern	Area Imager
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Warranty	3 year factory warranty
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Refer to the Honeywell Scanning & Mobility Compliance Center (www.honeywellaidc.com/compliance) to review and download any publicly available documentation pertaining to the certification of this product in a given country.

Refer to the Honeywell Scanning & Mobility Supported Symbologies Datasheet (www.honeywellaidc.com/symbologies) for a complete listing of all supported bar code symbologies.

Specifications are subject to change without notice.

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For more information:

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