Honeywell®

Granit XP 1990i - industrial-grade Area-Imaging scanner, XR (FlexRange), USB

The Granit™ XP 1990iXR model offers high-durability. With Honeywell FlexRange™ technology, Granit XP XR models offer an ideal blend of no-sacrifice near-field scanning plus the expanded range to read UPCs at 1.5 meter and 100 mil rack labels at 10 meters, addressing many warehouse, distribution center and manufacturing workflow.

With an unmatched range and the option of wireless freedom, Granit scanners maximize operator productivity in the harshest environments.
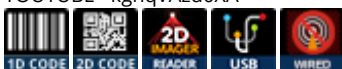
Key features:

- high-durability
- The custom built IP67-rated housing is able to withstand 7,000 3.3´ (1 m) tumbles and survive 50 drops from 10´ (3 m)
- provides extreme performance scanning, even on damaged and low-quality barcodes

Honeywell Granit Durability Test
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Technical Description

Functionality & Operation

Indicators	beeper, vibration, Good Decode LEDs
Communication interface	USB
2D Code Symbologies	DotCode, OCR, all standard 2D-Codes
1D Barcode Symbologies	All standard one-dimension barcodes, Digimarc

Optical

Depth of scan field	0 - 10 m
Minimum symbol contrast	20%
Bar code scanner	Long 2D Imager (1280 x 800 px)

Electrical

Power Source	4.0 VDC - 5.5 VDC
Power Consumption - Standby	0.5W (100mA@5VDC)
Power Consumption - Operation	2.35W (470 mA @ 5 VDC)

Mechanical

Dimensions	Width: 100mm, Height: 76mm Length: 192mm
Weight	320g

Environment

Ingress protection	IP67
Operating temperature	-30 to 50°C
Storage temperature	-40 to 70°C
Operating humidity (non-condensing)	0 to 95%
Maximal ambient light	100000lux
Shock resistance	7000 tumbles at 1m , 50 drops from 3 m onto concrete surface
Electrical static discharge	±20kV air, ±8kV contact

Others

Warranty	3 years