Granit XP 1991i - industrial-grade Area-Imaging scanner, XR (FlexRange), USB

The Granit™ XP 1991iXR 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
YOUTUBE='kgnqVAzd0XA'

Technical Description

Functionality & Operation

1D Barcode Symbologies	All standard one-dimension barcodes, Digimarc
2D Code Symbologies	DotCode, OCR, all standard 2D-Codes
Indicators	beeper, vibration, Good Decode LEDs, Bluetooth® connectivity, Battery status
Communication interface	USB
WPAN Features	2.4 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth® v4.2; Class 1: 100 m (330 ft) line of sight

Optical

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

Electrical

Power Source	4.0 VDC - 5.5 VDC
Power Consumption - Standby	0.6W (120mA@5VDC)
Power Consumption - Operation	5 W(1000mA@ 5VDC)
Main battery pack	2450 mAh Li-ion minimum
Main battery pack operating time	14hod

Mechanical

Dimensions	Width: 100mm, Height: 76mm Length: 192mm , Width: 245mm, Height: 102mm, Length: 60mm cradle
Weight	405g

Environment

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

Others

Bundled Accessories	battery, Charging and Communication Cradle
Optional accessories	stand