

# Honeywell®

## 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='kgmqVAzd0XA'



# Technical Description

## Functionality & Operation

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| 1D Barcode Symbolologies | All standard one-dimension barcodes, Digimarc                                                        |
| 2D Code Symbolologies    | 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                                      |

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