

GRANIT™ XP 1990iXLR

Ultra-Rugged Long Range Industrial Handheld Scanner



Following a legacy of successful deployments, the next series of Granit XP scanners offers enhanced depth of field range capabilities.

With Honeywell XLR technology, the Granit™ XP XLR models offer an ideal blend of no-sacrifice near-field scanning plus the ultra-long range to read UPCs at 2 meters (6.6 feet) and 100 mil (2.5 millimeter) rack labels at 24 meters (79 feet), addressing many warehouse, distribution center and manufacturing workflows. With a best-in-class 3 meters (10 foot) drop, Granit XP is engineered to keep on working after the impact of drops from loading docks, forklifts and picking trucks. The 1 meter (3.3 foot) tumble test indicates lasting durability with daily knocks and drops from workstations or waist height. An improved 7,000 tumble specification helps to ensure Granit scanners are ready to work long-term in demanding environments.

Granit scanners are designed with a small, deeply recessed, scratch- and impact-resistant window to help prevent failures. This is a critical sealing component helping to prevent dust and moisture from entering the case and degrade scanning performance or cause premature failure. The Granit solution includes IP67 rating, protecting the device, even under harsh treatment.

Barcodes make data entry faster and more accurate, maximizing productivity in your operations. However, damaged and low-quality barcodes can make transactions slow and painful. Bad labels commonly occur in the warehouse, DC and industrial environments due to low quality printing or damage during handling. Granit XP is built on Honeywell's next generation imaging platform, integrating a high-resolution sensor and enhanced decoding algorithms to read barcode symbols quickly and

Granit™ XP 1990iXLR scanners provide extreme performance scanning with ultra-long range and enhanced ruggedness for optimized reliability and productivity.

accurately. Granit XP helps to ensure that otherwise challenging labels do not create a bottleneck in your process.

The corded Granit XP 1990iXLR model offers high-durability, extreme performance scanning for standard and extended range operations. Created for applications where far-range scanning is needed to maximize productivity and where durability and value are non-negotiable, the Granit XP 1990iXLR scanner offers the optimal solution.

FEATURES AND BENEFITS



Built to survive harsh treatment including 3 m (10 ft) drops, 7,000 1 m (3.3 ft) tumbles, operating temperatures from -30°C to 50°C (-22°F to 122°F) and IP67 sealing, Granit™ XP helps reduce service costs and increases device uptime.



Granit™ XP provides extreme performance scanning, even on damaged and low-quality barcodes. High-quality barcodes scan and transmit fast and accurate data.



The Honeywell Scanner Management Utility (SMU) creates a holistic solution that automates how you deploy and update the scanners in your environment.



The XLR model is ideally suited to far-field scanning operations on 1D and 2D barcodes, plus expanded range scanning of UPC up to 2 m (6.6 ft) and 100 mil codes to 24 m (79 ft).



Honeywell Operational Intelligence software delivers on-demand scan insights, supporting higher employee productivity and throughput.

Honeywell

GRANIT™ XP 1990iXLR Technical Specifications

MECHANICAL

Dimensions (L x W x H):

192 mm x 76 mm x 100 mm
(7.6 in x 3.0 in x 3.9 in)

Weight – Corded: 320 g (11.3 oz)

User Indicators: Good Decode LEDs,
Beeper (adjustable tone and volume),
Vibration (adjustable)

ENVIRONMENTAL

Operating Temperature – Corded*:

-30°C to 50°C (-22°F to 122°F)

Storage Temperature:

-40°C to 70°C (-40°F to 158°F)

Humidity:

Up to 95% relative humidity
(non-condensing)

Drop (Multiple):

2 m (6.5 ft):

50 dops from -30°C to 50°C
(-22°F to 122°F), uncontrolled RH

2.4 m (8 ft):

20 drops at 25°C to 77°C
(32°F to 122°F), 55% RH

3 m (10ft):

MIL-STD-810G, 25°C
(77°F), 55% RH

Tumble: 7,000 1.0 m (3.3 ft) tumbles per
IEC 60068-2-32 specification

Environmental Sealing: IP67 and IP65

Light Levels:

0 to 100,000 lux
(9,290 foot-candles)

ESD: ±20 kV Air and ±8 kV Contact Direct

ELECTRICAL

Input Voltage:

4.0 VDC to 5.5 VDC

Operating Power – Corded:

2.35 W (470 mA @ 5 VDC)

Standby Power – Corded:

0.5 W (100 mA @ 5 VDC)

Host System Interfaces:

USB, Keyboard Wedge, RS-232 TTL

SCAN PERFORMANCE

Scan Pattern: Area Imager

Near: (1280 x 800 pixel array)
Global Shutter

Far: (1920*1080 pixel array)
Rolling Shutter

Motion Tolerance:

Up to 4500 mm/s (177 in/s)

Print Contrast:

20% minimum reflectance difference

Roll, Pitch, Skew: -360°, 45°, 65°

Decode Capabilities: Reads standard 1D,
PDF, 2D, Postal, Digimarc, DOT Code and
OCR symbologies

Warranty – Scanner:

Three-year factory warranty

Warranty – Battery Pack:

One-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 barcode
symbologies, please visit
www.honeywellaidc.com/symbologies.

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**With industrial-grade cable ordered separately.*

For more information

sps.honeywell.com

Honeywell Safety and Productivity Solutions

855 S Mint St
Charlotte, NC 28202
800-582-4263
www.honeywell.com