

RUGGED HANDHELD

# Granit XP 1990iXLR

Granit XP 1990iXLR Ultra-Rugged Long Range Scanner

## Overview

**The Granit™ XP 1990iXLR is designed to offer premium scanning performance and full range scanning depth to drive efficiency and reliability in mission-critical applications. Its high durability supports low TCO. The new Granit™ XLR is form-fit for a variety of workflow applications from no-sacrifice near field scanning to extreme long range scanning operations enhancing workflow productivity.**

- The Granit™ XP XLR model is ideally suited to normal, near-field scanning operations on 1D and 2D barcodes, plus maximum range scanning of UPC up to 2 m (6.6 ft) and 100 mil codes up to 24 m (79 ft).
- Granit™ XP provides premium performance scanning, even on damaged and low-quality barcodes. High-quality barcodes scan and transmit quickly.
- The XLR model provides superior indoor and outdoor aiming visibility. The brighter, more visible aimer offers more accurate, intuitive aiming across the typical range of lighting conditions. The daylight aiming system offers accurate aiming in bright sunlight.
- 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 XLR helps reduce service costs and increases device uptime.

**This generation of Granit™ XP scanners continue to expand capabilities and redefine ultra-rugged scanning. With a 10' drop spec, Granit™ XP is engineered to keep on working after the impact of drops from loading docks, fork trucks, and picking trucks. The 1 m (3.3 foot) tumble test indicates long term durability with daily knocks and drops from workstation or waist height.**

**A best-in-class 7,000 tumble specification helps ensure Granit™ scanners will be ready to work for the long term. And IP67 dust and moisture sealing protect scanning performance under harsh treatment. Granit™ 1990iXLR model begins with no-sacrifice near field scanning and expand to read UPC codes to 2 m (6.6 ft) and 100 mil (2.54mm) rack labels at 24 m (79 ft). Packed with essential reliable aiming features, the XLR laser aimer is visible in multiple lighting conditions. The daylight aiming system offers accurate aiming in bright sunlight with an easy to view green aiming solution. Created for applications where far range high speed scanning is needed to maximize productivity, and where durability is non-negotiable to help lower total cost of ownership, the Granit™ XP 1990iXLR scanner offers the optimal solution.**

## Specifications

## DIMENSIONS

---

### Overall Dimensions

- 192 mm x 76 mm x 100 mm
- 7.6 in x 3.0 in x 3.9 in

## SCANNING SPECIFICATIONS

---

### Depth of Field

- XLR Range

### Brightness

- 0 to 100,000 lux

### Motion Tolerance

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

### Scan Pattern

- Area Imager Far 1920 x 1080 pixel array
- Area Imager Near 1280 x 800 pixel array

### Decode Capability

- 1D
- 2D

## NETWORK

---

### Bluetooth Specifications

- N/A

### Bluetooth

- No

## HARDWARE

---

### Wireless

- No

### Host System Interface

- Keyboard Wedge
- RS-232 TTL
- USB

### Aimer Type

- Laser

## ELECTRICAL

---

### Smart Battery

- No

## ENVIRONMENTAL

---

### Storage Temperature Range

- -40°C to 70°C
- -40°F to 158°F

### Operating Humidity

- Up to 95% relative humidity (non-condensing)

## STANDARDS & APPROVALS

---

### Drop Specifications

- 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

### Protection Ratings

- IP65
- IP67

### Tumble Specifications

- 7,000 1 m (3.3 ft) tumbles

## OTHERS

---

### Application

- Industrial Scanner

### Input voltage

- 4.0 VDC to 5.5 VDC

### Operating Power

- 2.35 W (470 mA @ 5 VDC)

### Operating temperature

- -40°C to 70°C
- -4°F to 122°F

### Warranty Duration

- Three-year factory warranty

### Power Connector Type

- Corded



Read our solution brief to learn how the Granit XP Ultra-Rugged scanner can optimize workflow and productivity in the toughest environments.

[DOWNLOAD →](#)

---

**Honeywell**

Safety and Productivity  
Solutions  
855 S Mint St  
Charlotte, NC 28202  
800-582-4263

**Granit XP 1990iXLR**

© 2024 Honeywell International Inc.  
All rights reserved.

**Honeywell**

This document was generated on 2024-03-18 15:30:59 (YYYY-MM-DD, HH:mm:ss). Subject to change without notice.