RUGGED HANDHELD

Granit XP 1990iXLR

Granit XP 1990iXLR Ultra-Rugged Long Range Scanner

Overview

Feedback

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

Decode Capability

- 1D
- 2D

Motion Tolerance

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

Depth of Field

- XLR Range

Scan Pattern

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

Brightness

- 0 to 100,000 lux

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

Tumble Specifications

- 7,000 1 m (3.3 ft) tumbles

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

OTHERS

Application

- Industrial Scanner

Operating Power

- 2.35 W (470 mA @ 5 VDC)

Input Voltage

- 4.0 VDC to 5.5 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.

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