ComX Computers
Product Specification Sheet

1990IXR-3USB-R

Honeywell 1990IXR Ultra Rugged 1D / 2D / PDF417 / XR USB tethered Scanner

Product Overview

Honeywell 1990IXR Ultra Rugged 1D / 2D / PDF417 / XR USB tethered Scanner, Ultra Rugged/Industrial, XR FlexRange focus with vibration, Red Scanner, USB Type-A 3m straight cable



Specifications

Overview:

Following a legacy of successful deployments, the next generation Granit XP scanners expand capabilities and redefine ultra-rugged scanning.

With a best-in-class 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 meter (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 ensures Granit scanners will be ready to work for the long term.

With FlexRange technology, Granit XR offers an ideal blend of no-sacrifice near field scanning plus the eXpanded Range to read UPCs at 5 (1.5m) and 100 mil rack labels at 33 (10m), addressing many warehouse/DC and manufacturing workflows.

Field feedback showed that the scan window is a high-frequency failure point for scanning devices in the industrial environment. Granit scanners are designed with a small, deeply recessed, scratch- and impact-resistant window to prevent these failures. This is a critical sealing component, ensuring dust and moisture do not enter the case and degrade scanning performance or cause premature failure; the Granit solution ensures its IP67 sealing remains intact, 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 space due to low quality printing or damage during handling. Granit XP is built on Honeywells next-generation imaging platform, integrating a high resolution sensor and enhanced decode algorithms to quickly and accurately read bar code symbols. Granit XP ensures that otherwise challenging labels do not create a bottleneck in your process.

The Granit XP 1990iXR model offers high-durability, eXtreme Performance scanning for standard and extended range operations. Created for applications where high speed scanning is needed to maximize productivity, and where durability is non-negotiable for low total cost of ownership, the Granit XP 1990iXR scanner offers the optimal solution.

Specifications:

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Specifications	
Product Code	1990IXR-3USB-R
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)
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
ENVIRONMENTAL	
Operating Temperature* - Corded	-30 degreesC to 50 degreesC (-22 degreesF to 122 degreesF)
Storage Temperature	-40 degreesC to 70 degreesC (-40 degreesF to 158 degreesF)
Humidity	Up to 95% relative humidity, non-condensing
Drop	
2 m (6.5 ft)	50 drops from -30 degreesC to 50 degreesC (-22 degreesF to 122 degreesF), uncontrolled RH
2.4 m (8 ft)	20 drops at 25 degreesC (77 degreesF), 55% RH
3 m (10 ft)	MIL-STD-810G, 25 degreesC (77 degreesF), 55% RH
Tumble	7,000 1 m (3.3 ft) tumbles
Environmental Sealing	IP67 and IP65
Light Levels	0 to 100,000 lux (9,290 foot-candles)
ESD	+/-20 kV air discharge, +/-8 kV contact discharge
SCAN PERFORMANCE	
Scan Pattern	Area Imager (1280 x 800 pixel array)
Motion Tolerance	Up to 4500 mm/s (177 in/s)
Scan Angle	Horizontal: 40 degrees, Vertical: 30 degrees
Print Contrast	20% minimum reflectance difference
Roll, Pitch, Skew	-360 degrees, 45 degrees, 65 degrees
Decode Capabilities	Reads standard 1D, PDF, 2D, Postal, Digimarc, DOT Code and OCR symbologies

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/1990IXR-3USB-R-Honeywell-1990IXR-Ultra-Rugged-1D-2D-PDF417-XR-USB-tethered-Scanner-p-295036.php

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