

Honeywell Granit 1990i & 1991i Serie



Honeywell Granit 1990i & 1991i - Robust barcode scanners for demanding industrial environments

- ✓ Extremely robust - drops up to 3 m, sealing IP67
- ✓ Outstanding barcode capture for efficient processes
- ✓ Wired or with Bluetooth data connection
- ✓ XLR model with 24 m reading range
- ✓ Extensive accessories - from docking stations to vehicle mounts

Honeywell Granit 1990i & 1991i Serie



Features

Readable codes: 1D, 2D, Post, Stack, Digimarc

Reading distance: 0 - 24 m

Rückmeldung: LEDs, Piepser, Vibration

Connectivity: USB, Keyboard Wedge, RS-232 / Bluetooth

Battery (wireless models): 50,000 scans

Protection: IP67 and IP65, drop-proof up to 3 m

Operating temperature: -30 / -20 - 50 °C

Dimensions: 192 x 76 x 100 mm

Weight: 320 / 405 g

Optional accessories

Brackets

Stand

Holster

Charging station

Dockingstation

Battery charging station

Honeywell Granit 1990i & 1991i Serie

GRANIT™ XP 1990i

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°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:

2 m (6.5 ft): 50 drops from -30°C to 50°C (-22°F to 122°F), uncontrolled RH

2.4 m (8 ft): 20 drops at 25°C (77°F), 55% RH

3 m (10 ft): MIL-STD-810G, 25°C (77°F), 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°, Vertical: 30°

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

GRANIT™ XP 1991i

MECHANICAL

Dimensions – Scanner (L x W x H):

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

Dimensions – Base (L x W x H): 245 mm x 102 mm x 60 mm (9.6 in x 4.0 in x 2.4 in)

Weight – Cordless: 405 g (14.3 oz)

WIRELESS

Radio/Range: 2.4 GHz (ISM Band)

Adaptive Frequency Hopping Bluetooth® v4.2; Class 1: 100 m (330 ft) line of sight

POWER OPTIONS

Battery: 2450 mAh Li-ion minimum

Number of Scans: Up to 50,000 scans per charge

Expected Duration of Operation: 14 hours (1 scan per second)

User Indicators: Good Decode LEDs, Beeper (adjustable tone and volume), Vibration (adjustable), Bluetooth® connectivity, Battery status

ELECTRICAL

Input Voltage: 4.0 VDC to 5.5 VDC

Operating Power – Cordless: 5 W (1000 mA @ 5 VDC)

Standby Power – Cordless (non-charging power): 0.6 W (120 mA @ 5 VDC)

Host System Interfaces: USB, Keyboard Wedge, RS-232 TTL

ENVIRONMENTAL

Operating Temperature*: -20°C to 50°C (-4°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:

2 m (6.5 ft): 50 drops from -30°C to 50°C (-22°F to 122°F), uncontrolled RH

2.4 m (8 ft): 20 drops at 25°C (77°F), 55% RH

3 m (10 ft): MIL-STD-810G, 25°C (77°F), 55% RH

Tumble: 7,000 1 m (3.3 ft) tumbles

Environmental Sealing – Scanner: IP67 and IP65

Environmental Sealing –

Charge/Communication Base: IP51

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

ESD: ±20 kV air discharge, ±8 kV contact discharge

SCAN PERFORMANCE

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