Granit 1911i
Wireless Industrial-Grade Area-Imaging Scanner

The Granit™ 1911i wireless industrial-grade area-imaging scanner is designed to withstand the varied demands of harsh working environments. Featuring a custom-built housing that redefines the standard for scanner reliability, the IP65-rated Granit 1911i scanner is built to survive 5,000 1 m (3.3 ft) tumbles and 50 drops to concrete from 2 m (6.5 ft), even at -20°C (-4°F). As a result, businesses can expect to experience minimal device downtime and a lower overall cost of ownership.

Powered by Honeywell Adaptus™ 6.0 imaging technology and its revolutionary decoding architecture, the Granit 1911i scanner provides users with the same exceptional barcode reading performance as the best-in-class Xenon™ series area-imaging scanners. From poorly printed and damaged codes to low-density linear codes, the Granit 1911i scanner is built to read virtually all barcodes with ease – supporting maximum operator productivity with its enhanced illumination, crisp laser aiming and extended depth-of-field.

The Granit 1911i scanner also incorporates a Bluetooth® Class 1, v2.1 radio, enabling wireless connectivity and unrestricted movement up to 100 m (300 ft) from the base. Additionally, with the Honeywell Shift-PLUS power management system, users can expect up to 14 hours of battery life, reducing the cost associated with battery backups and replacements. A paging system is also available for added convenience to assist with locating misplaced scanners.

Created specifically for applications in which high-performance scanning is expected and durability is highly valued, the Granit 1911i scanner is the optimal solution for businesses operating in unpredictable conditions.

FEATURES & BENEFITS

- The custom-built IP65-rated housing is able to withstand 5,000 1 m (3.3 ft) tumbles and survive 50 drops from 2 m (6.5 ft) at -20°C (-4°F), reducing service costs and increasing device uptime.
- Bluetooth Class 1, v2.1 radio enables movement up to 100 m (300 ft) from the base, and reduces interference with other wireless systems. Up to 7 imagers can communicate with a single base, reducing total cost of ownership.
- The second-generation of the Honeywell TotalFreedom™ development platform enables the loading and linking of multiple applications to enhance image decoding, data formatting and image processing – eliminating the need for host system modifications.
- The long-lasting Lithium-Ion battery powers up to 50,000 scans per full charge and is removable without tools, ensuring maximum uptime for operations running multiple shifts.
- With its extended linear depth-of-field, the scanner scans out-of-reach items with ease and allows users to scan 20 mil linear codes out to 75 cm (29.5 in) without sacrificing performance on 2D codes.
Granit 1911i Technical Specifications

WIRELESS
Radio/Range: 2.4 GHz to 2.5 GHz (ISM Band)
Adaptive Frequency Hopping. Bluetooth v2.1. Class 1: 100 m (300 ft) line of sight
Data Rate (Transmission Rate): Up to 1 Mbps
Battery: 2400 mAh Li-Ion minimum
Number of Scans: Up to 50,000 scans per charge
Expected Hours of Operation: 14 hours
Expected Charge Time*: 4.5 hours

MECHANICAL/ELECTRICAL
Dimensions (L x W x H):
Scanner (1911iER-3): 133 mm x 75 mm x 195 mm (5.2 in x 2.9 in x 7.6 in)
Charger/Communication Base (COB02/CCB02-100BT-07N): 250 mm x 103 mm x 65 mm (9.9 in x 4.1 in x 2.6 in)
Weight:
Scanner: 390 g (13.8 oz)
Charger/Communication Base: 290 g (10.2 oz)
Operating Power (Charging):
Scanner: N/A
Charger/Communication Base: 5 W (1A @ 5 V)
Non-Charging Power:
Scanner: N/A
Charger/Communication Base: 0.6 W (0.12A @ 5 V)
Host System Interfaces:
Scanner: N/A
Charger/Communication Base: USB, Keyboard Wedge, RS-232 TTL

ENVIRONMENTAL
Operating Temperature**:
Scanner: -20°C to 50°C (-4°F to 122°F)
Charger/Communication Base: -20°C to 50°C (-4°F to 122°F)
Storage Temperature:
Scanner: -40°C to 70°C (-40°F to 158°F)
Charger/Communication Base: -40°C to 70°C (-40°F to 158°F)
Humidity:
Scanner: Up to 95% relative humidity, non-condensing
Charger/Communication Base: Up to 95% relative humidity, non-condensing

WARRANTY
3-year factory warranty (Note: Battery warranty is 1-year).

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

For more information about the symbologies, please visit www.honeywellaidc.com/symbologies.

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Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc. in the United States and/or other countries.

All other trademarks are the property of their respective owners.

* Battery charging only occurs between 5°C and 40°C (41°F to 104°F).
** With industrial-grade cable ordered separately.

SYMBOLOGY

<table>
<thead>
<tr>
<th>SYMBOLOGY</th>
<th>TYPICAL PERFORMANCE</th>
<th>EXTENDED RANGE (ER)</th>
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<tbody>
<tr>
<td>CODE 39</td>
<td>7.5 mil</td>
<td>48 mm – 310 mm (1.9 in – 12.2 in)</td>
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<tr>
<td></td>
<td>20 mil</td>
<td>15 mm – 74 mm (0.6 in – 29.5 in)</td>
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<tr>
<td>Resolution 1D</td>
<td>5 mil (0.127 mm)</td>
<td></td>
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<tr>
<td>UPC</td>
<td>13 mil</td>
<td>15 mm – 543 mm (0.6 in – 21.4 in)</td>
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<tr>
<td>PDF417</td>
<td>6.7 mil</td>
<td>69 mm – 226 mm (2.7 in – 8.9 in)</td>
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<tr>
<td>DATAMATRIX</td>
<td>10 mil</td>
<td>7.1 mm – 261 mm (2.8 in – 10.3 in)</td>
</tr>
<tr>
<td>Resolution 2D</td>
<td>7.5 mil (0.191 mm)</td>
<td></td>
</tr>
<tr>
<td>QR</td>
<td>20 mil</td>
<td>20 mm – 495 mm (0.8 in – 19.5 in)</td>
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* Performance may be impacted by barcode quality and environmental conditions.

For more information
www.honeywellaidc.com

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