

# Granit 1911i

## Wireless Industrial-Grade Area-Imaging

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

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

The Granit 1911i also incorporates a Bluetooth® Class 1, v2.1 radio, enabling wireless connectivity and unrestricted movement up to 300 feet (100 m) from the base. Additionally, with Honeywell's 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 is the optimal solution for businesses operating in unpredictable conditions.



## Features

- **Class-Leading Durability:** The custom-built IP65-rated housing is able to withstand 5,000 3.3' (1 m) tumbles and survive 50 drops from 6.5' (2 m) at -4°F (-20°C) reducing service costs and increasing device uptime
- **Wireless Connectivity:** Bluetooth® Class 1, v2.1 radio enables movement up to 300' (100 m) from base, and reduces interference with other wireless systems. Up to 7 imagers can communicate with a single base, reducing the total cost of ownership
- **TotalFreedom™ 2.0:** The second-generation of Honeywell's area-imaging 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
- **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
- **Extended Linear Depth of Field:** Scans out-of-reach items with ease and allows users to scan 20 mil linear codes out to 29.5" (75 cm) without sacrificing performance on 2D codes
- **Remote MasterMind™ Scanning Management Software:** Quick and convenient solution for IT administrators seeking to manage the scanners within their network from a single remote location

# Granit 1911i Technical Specifications

## Wireless

|                               |   |
|-------------------------------|---|
| Radio/Range                   | 2.4 to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth v2.1: Class 1: 100m (300') line of sight |
| Data Rate (Transmission Rate) | Up to 1 Mbps/S  |
| Battery                       | 2000 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

|                            | Scanner (1911IER-3)                          | Charger/Communication Base (COB02/CCB02-100BT-07N) |
|----------------------------|--|--|
| Dimensions (LxWxH)         | 133 mm x 75 mm x 195 mm (5.2" x 2.9" x 7.6") | 250 mm x 103 mm x 65 mm (9.9" x 4.1" x 2.6")       |
| Weight                     | 380 g (13.4 oz)                              | 290 g (10.2 oz)                                    |
| Operating Power (Charging) | N/A  | 5 W (1A @ 5 V)                                     |
| Non-Charging Power         | N/A  | 0.6 W (0.12A @ 5 V)                                |
| Host System Interfaces     | N/A  | USB, Keyboard Wedge, RS232 TTL                     |

## Environmental

|                         | Scanner (1911IER-3)  | Charger/Communication Base (COB02/CCB02-100BT-07N)             |
|-------------------------|--|--|
| Operating Temperature** | -20°C to 50°C (-4°F to 122°F)                                  | -20°C to 50°C (-4°F to 122°F)*                                 |
| Storage Temperature     | -40°C to 70°C (-40°F to 158°F)                                 | -40°C to 70°C (-40°F to 158°F)                                 |
| Humidity                | Up to 95% relative humidity, non-condensing                    | Up to 95% relative humidity, non-condensing                    |
| Drop                    | Designed to withstand 50 2 m (6.5') drops to concrete at -20°C | Designed to withstand 50 1.2 m (4') drops to concrete at -20°C |
| Tumble                  | 5,000 1m (40') tumbles   | 5,000 1m (40') tumbles   |
| Environmental Sealing   | IP65   | IP51   |
| Light Levels            | 0 to 100,000 lux (9,290 foot-candles)                          | N/A  |
| ESD                     | ±20Kv air discharge, ±8kV contact discharge                    | ±20Kv air discharge, ±8kV contact discharge                    |

## Scan Performance

|                  |   |
|------------------|---|
| Scan Pattern     | Area Imager (838 x 640 pixel array)   |
| Motion Tolerance | Up to 610 cm/s (240 in/s) at 16.5 cm (6.5") and 381 cm/s (150 in/s) at 25 cm (10.0") for 13 mil UPC |
| Scan Angle       | ER Focus: Horizontal: 31.6°; Vertical: 24.4°  |
| Symbol Contrast  | 20% minimum reflectance difference  |
| Pitch, Skew      | 45°, 65°  |
| Warranty         | 3 year factory warranty (Note: battery warranty is 1 year)  |

\*battery charging only occurs between 5° C and 40°C; \*\*with industrial grade cable ordered separately

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance)

For a complete listing of all supported bar code symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies)



### For more information:

[www.honeywellaidc.com](http://www.honeywellaidc.com)

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| Typical Performance*  | Extended Range (ER)           |
|---|-------------------------------|
| Narrow Width  |                               |
| 7.5 mil Code 39   | 48 mm - 310 mm (1.9" - 12.2") |
| 13 mil UPC  | 15 mm - 543 mm (0.6" - 21.4") |
| 20 mil Code 39  | 15 mm - 749 mm (0.6" - 29.5") |
| 6.7 mil PDF417  | 69 mm - 226 mm (2.7" - 8.9")  |
| 10 mil DM**   | 71 mm - 261 mm (2.8" - 10.3") |
| 20 mil QR   | 20 mm - 495 mm (0.8" - 19.5") |
| Resolution 1D Code 39   | 5 mil (0.127 mm)              |
| Resolution 2D DM**  | 7.5 mil (0.191 mm)            |
| *Performance may be impacted by bar code quality and environmental conditions |                               |
| **Data Matrix (DM)  |                               |



เราจำหน่าย บริการติดตั้ง เครื่องพิมพ์โมโนเรจ เครื่องอ่านบาร์โค้ด  
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