

# DSC

with  
**PowerG**  
Technology



## WP8360

### Distributed Wireless Alarm and Home Automation Gateway



#### Features that Make a Difference:

- Modular security and home automation system, supporting:
- PowerG Technology for security devices
- Z-Wave radio for home automation devices (optional)
- Wi-Fi module for IP camera support (optional)
- 2G/3G cellular module for network communication (optional)
- Distributed panel that can be installed out of sight, controlled by wireless devices
- Robust solution with battery and cellular link backup
- Accommodates more than 120 wireless devices
- Up to 64 zones
- Up to 10 PIR cameras, 32 keypads, 32 keyfobs, 8 sirens, 4 repeaters
- Extensive range of PowerG peripherals for every application

#### Next Generation Security Panel with Home Automation Capabilities

WP8360 is a distributed wireless security, safety, and control panel with optional home automation capabilities. It is suitable for residential customers and small to mid-size businesses who want a concealed alarm and home automation system

in a single platform. It provides outstanding wireless functionality with all peripherals.

Using JCI's award winning PowerG wireless technology, WP8360 answers the demands for a professional security system. The combined, optional Z-Wave and Wi-Fi connectivity answers advanced home automation needs.

#### PowerG Robustness and Reliability

- Frequency Hopping Spread Spectrum (FHSS)
- Highly secured AES-128 encrypted wireless communication – surpasses the most demanding industry standards
- Huge transmission range of 2000m (6500ft) line of sight\* – covers significantly larger premises than traditional systems, without repeaters
- Full two-way synchronized TDMA wireless network – Provides streamlined communication and improved channel efficiency
- Adaptive transmission power – Saves energy and significantly extends battery life

\*Measured line-of-sight transmission range: 2000m (6500ft) at 8m (24ft), 750m (2500ft) at 2m (6.5ft)

## Specifications

RF network	PowerG – Frequency hopping multi-channel
Frequency bands (Mhz)	868
Hopping frequencies	4
Encryption	AES-128
Number of zones.	64
User codes	48
Back-up battery	4-hour back-up (LiPo, rechargeable battery, 3.7V, 1000mAh)
Dimensions	158 x 114.5 x 36.5mm (6.22 x 4.5 x 1.43in)
Power supply	External
Reporting formats	Analog: SIA, Contact ID, Scancom; IP: SIA IP, Visonic PowerNet
Communication	IP(10/100 Mbps), 2/3G cellular (Internal SIM card)
Wi-Fi	802.11b/g/n, 2.4MHz wireless connectivity
Z-Wave	868.4MHz
Certifications	CE

### Comprehensive Toolset for Fast and Easy Installation

- Enrolment button on each device simplifies enrolment procedures
- Installer configuration using installer mobile application
- Advanced user experience via mobile application
- Visible signal quality indication shown on the sensors – Enables quick and easy installation while maintaining optimal radio performance
- Powerful diagnostic tool indicates RF link quality, based on the previous 24 hours' statistics and on-demand bi-directional measurements, displaying immediate problems and enabling verification of the installation during house setup

### Powerful Tools for Central Monitoring Stations

- Remote enrolment, configuration, and review of all peripherals in the system
- Initiate remote walk test with assistance from anyone in the house
- Remote diagnostics availability

### Green, Energy-saving System

- Up to 5-8 years battery life for all peripherals
- Two-way, synchronized, spread spectrum communication eliminates unnecessary re-transmissions
- Minimum power consumption and pollution due to adaptive transmission power that is determined according to the distance from the panel and level of RF interference

**Contact DSC for further information:**

**[www.dsc.com](http://www.dsc.com)**

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. © 2021 Johnson Controls Inc. All rights reserved. The trademarks and service marks of Johnson Controls, including the Johnson Controls mark and logo and PowerG are the exclusive property of Johnson Controls, and may not be used without permission. All other marks are the property of their respective owners. POWERMASTER-360 DATA SHEET ENG (Rev.02)



---

## About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit [www.johnsoncontrols.com](http://www.johnsoncontrols.com) or follow us [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter.