

PowerMaster-360R Modern Wireless Alarm and Home Automation Gateway



Key Features

- EN regulated alarm system
- 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)
 - Field replaceable 2G/3G cellular module for network communication (optional)
- Professional panel that can be installed out of sight, controlled by wireless devices
- Robust solution with battery and cellular link backup
- Built-in Siren
- Touchscreen keypad
- 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
- Remote configuration and diagnostics with system status indications
- Part of a solution that includes 3rd party cloud-based platform and mobile app

Next Generation Security Panel with Home Automation Capabilities

PowerMaster-360R is a professional modern 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 professional alarm and home automation system in a single platform. It provides outstanding wireless functionality with all peripherals.

Using Tyco's award winning PowerG wireless technology, PowerMaster-360R answers the demands for a professional security system. The combined, optional Z-Wave and Wi-Fi connectivity answers advanced home automation needs.

Visonic

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)

Comprehensive Toolset for Fast and Easy Installation

- Special enrollment button on each device simplifies enrollment procedures
- Installer configuration using virtual keypad application (PC or Android) via standard MicroUSB port or through touchscreen keypad
- Full 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 enrollment, configuration, and review of all peripherals in the system
- Initiate remote walk test with assistance from anyone in the house
- Remote diagnostics of wireless connection and RF link quality for all peripherals – Based on the previous 24 hours' statistics and on-demand bi-directional measurements

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

Visonic

Specifications

RF network	. PowerG – Frequency hopping multi-channel (CDMA)
Frequency bands (Mhz)	433 – 434 868 – 869 912 – 919
Hopping frequencies	8 4 50
Encryption	AES-128
Number of zones	64
User codes	48
Back-up battery	12-hour back-up (LiPo, rechargeable battery, 3.7V, 1000mAh)
Dimensions	168 x 152 x 42mm (6.61 x 5.98 x 1.65in)
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, 908.4MHz, 921.4 Mhz
Certifications	CE, EN 50131-1, EN 50131-3 Security Grade 2, environmental class II

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 or follow us on Facebook, Twitter, and LinkedIn.