

PowerMaster-360R

Modern Wireless Alarm and Home Automation Gateway



Features that Make a Difference:

- 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.

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

*Mobile application is offered by a 3rd party

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

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