



PowerMaster

A New Era in Intrusion Alarm Systems



PowerG
Technology for life



Visonic

A Tyco International Company

www.visonic.com

The PowerMaster Family

A New Era in Intrusion Alarm Systems

Combining reliability, performance and an advanced feature set, Visonic's PowerMaster intrusion alarm systems lead the wireless security market. Using Visonic's revolutionary PowerG wireless network technology (patent pending), the PowerMaster family of products comprehensively addresses the needs of residential and commercial premises, installers and central monitoring stations alike.

Improving Service and Reducing Costs with Innovative Features

Intrusion alarm systems must constantly overcome challenges to maintain a high level of security, including meeting stringent regulatory requirements and lowering operational expenses. The PowerMaster family provides wireless robustness and reliability closer than ever to that of wired systems. This eliminates the expense of installing wires and associated damage to the installation site. With a superior range, a long battery life and unmatched ease of installation, PowerMaster systems meet these challenges head-on; and excels in advanced applications and heavy duty operation in both residential and commercial settings.



Robustness and Reliability



Faster and Easier Installation



Green, Energy-saving System

PowerMaster-10 G2

Compact wireless home security and safety system supports advanced security applications. Suitable for residential and SOHO installations.



PowerMaster-30 G2

Professional wireless security and safety system supports advanced security applications. Suitable for the heavy duty operation required in SMB installations and mid to high-end residential premises.



Feature	PowerMaster-10	PowerMaster-30
Zones	30	64
Proximity Tags	8	32
Sirens	4	8
Keyfobs	8	32
Keypads	8	32
Users	8	48
Wired Siren	No	Yes
Wired Zones	1	1 or 2
Log File Size	250	1000
Wired Extender	No	Yes (1 PGM output, 2 additional hardwired zones, 1 wired siren, 1 voice box)
Voice (two-way, prompts)	No	Optional
Partitions	3	3 common areas
Battery Backup	12hr or 24hr	Up to 48hr
Power Supply	Internal or external	Internal or external
Communication	Build-in PSTN, optional GSM/GPRS internal module	Build-in PSTN, optional GSM/GPRS internal module
Repeaters	4	4

One Solution; Multiple Benefits



Robustness and Reliability

- Multi-channel, Frequency Hopping Spread Spectrum (FHSS) technology overcomes frequency blocking and interference from wireless appliances
- Two-way communication ensures that no alarm messages are lost
- TDMA synchronized communication technology eliminates message collisions
- Devices dynamically adjust to wireless changes when communicating with the PowerMater panel
- Extended transmission range of up to 2000m/6500ft (line-of-sight)* - Enables reliable communication with remote devices, even in difficult conditions or complicated infrastructures
- AES-128 for secured communication and maximum protection

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



Faster and Easier Installation

- Enrollment button for one-click enrollment
- Enrollment wizard enables quick setup of new devices
- Configuration templates automatically configure the basic parameters of any device
- All devices are configured from the panel or remotely from the central station - No need to re-open device covers or remember complex hardware switch configurations
- Devices indicate best mounting location with link quality indication - No need to approach the panel during installation
- Long transmission range - No need for repeaters



Total Control from the Central Monitoring Station

- Configuration and review of all peripherals
- Remotely initiate and perform walk tests without an installer present onsite
- Perform diagnostics of wireless connection and RF link quality
- View the situation following an alarm for assessment of best response and to avoid false dispatches
- PowerManage system allows management and maintenance of tens of thousands of alarm systems via IP from the monitoring provider's technical center



Green, Energy-saving System

- No unnecessary re-transmissions
- Long battery life reduces pollution and saves energy
- Energy-saving algorithms reduce power consumption



Large Range of PowerG Peripherals for Every Application

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Intrusion Detection



Next CAM PG2

Motion Detector with Integrated Camera

Enables real-time visual alarm verification, day and night, for central monitoring stations, sends full color images from the premises via GPRS channels



Next PG2

Motion Detector

15m (50ft) range, pet-tolerant model available



TOWER-30 PG2

Motion Mirror Detector

15m (50ft) range, with EN Grade 3 detection



Clip PG2

Curtain PIR Detector

Selectable range 2, 4, 6m (6, 12, 18ft) ideal for the protection of doors, windows and all-glass walls



MC-302E PG2

Magnetic Contacts

Wireless compact door/window protectors; 302E model includes user-selectable operation of auxiliary input



GB-501 PG2

Glass-break Detector

For plate, tempered, laminated and wired glass

Safety



SMD-426 PG2

Smoke Detector

Loud alarm sound and visual notifications; with SirenNet feature**



SMD-427 PG2

Smoke & Heat Detector

Loud alarm sound and visual notifications; with SirenNet feature**



GSD-442 PG2

Carbon Monoxide (CO) Detector

Gives early warning before CO levels become dangerous; sensor life of up to 5 years



GSD-441 PG2

Cooking Gas Detector

Provides warning in case of natural gas leaks (Methane CH₄, commonly used for cooking)



TMD-560 PG2

Temperature Detector

Issues an alert when the ambient temperature reaches predetermined thresholds; detects indoor or outdoor temperatures

Keypads and Arming Devices



KP-160 PG2

Arming Station

Touch-screen Proximity Tag-operated Keypad



KF-235 PG2

Slim Keyfob

Attractive and ergonomic design; provides instant feedback of system status and commands



KF-234 PG2

Keyfob

Comfortable and attractive keyfob with miniature design that enables easy arming and disarming



KP-140/141 PG2

Two-way Keypad

User-friendly universal remote commander to control the PowerMaster system



Proximity Tags

High quality, decorative proximity tags eliminate the need to memorize secret codes

Sirens and Repeaters



SR-730 PG2

Outdoor Siren

Self-powered, fully-wireless outdoor siren and strobe



SR-720 PG2

Indoor Siren

Self-powered, fully-wireless indoor siren and strobe with a sleek, modern design



RP-600 PG2

Repeater

Extends communication range; sleek, modern design

** SirenNet is a unique PowerG feature. When an alarm occurs - whether triggered by burglar, fire, panic or safety devices, all installed smoke detectors leverage their built-in buzzers to sound the alarm.



Contact Visonic for further information:

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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.
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