PowerMaster

A New Era in Intrusion Alarm Systems

PowerG
Technology for life

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.

Stronger Robustness and Reliability

Simpler Faster and Easier Installation

Greener 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
Repeaters	4	4
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	No	Optional
Partitions	1	3 + 1 common area
Battery Backup	12hr, 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

One Solution;
Multiple Benefits

Robustness and Reliability

- Multi-channel, Frequency Hopping Spread Spectrum (FHSS) technology overcomes frequency blocking and interference from wireless home appliances

- Two-way communication ensures there are no lost alarm messages

- TDMA synchronized communication technology eliminates message collisions

- Devices dynamically optimize their route to the control panel to avoid RF interferences

- 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 encryption protects against powerful analysis tools and digital attacks

*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

- Ability to choose the mounting location of devices with link quality indication shown on the device - 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

PowerG
Technology for life

Technology PowerG · Wireless · 2-Way · Green Technology · Security · Safety · Remote Control

Intrusion Detection

Motion Detector with Integrated Camera
Enables real-time visual alarm verification, day and night, for central monitoring stations, sends full color, high-resolution images and audio from the premises via GPRS channels

Next CAM PG2

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

Next PG2

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

TOWER-30 PG2

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

Clip PG2

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

MC-302 PG2

MC-302E PG2

Glass-break Detector
For plate, tampered, laminated and wired glass

GB-501 PG2

Outdoor Detector
Advanced wireless outdoor motion detector for harsh environment, with virtually no false alarms

TOWER-20 PG2

Motion Mirror Detector
Wireless Dual-technology Mirror PIR Detector with Anti-masking

TOWER-32 PG2

Coming Soon

Safety

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

SMD-426 PG2

Smoke & Heat Detector
Loud alarm sound and visual notifications; with SirenNet feature**

SMD-427 PG2

Carbon Monoxide (CO) Detector
Gives early warning before CO levels become dangerous; sensor life of up to 5 years

GSD-442 PG2

Cooking Gas Detector
Provides warning in case of natural gas leaks (Methane CH_4, commonly used for cooking)

GSD-441 PG2

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

TMD-560 PG2

Keypads and Arming Devices

Arming Station
Touch-screen Proximity Tag-operated Keypad

KP-160 PG2

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

KF-235 PG2

Coming Soon

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

KF-234 PG2

Two-way Keypad
User-friendly universal remote commander to control the PowerMaster system

KP-140/141 PG2

Sirens and Repeaters

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

SR-720 PG2

Repeater
Extends communication range; sleek, modern design

RP-610 PG2

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** 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.

Visonic

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