![Visonic logo] **Visonic**
From Tyco Security Products

PowerMaster-10 Triple G2
Compact Wireless Security and Safety System

Features that Make a Difference:

- Unmatched affordability and performance

- Two-way communication eliminates lost alarms and unnecessary re-transmissions

- Accommodates more than 60 wireless devices:
  - Up to 30 zones
  - Up to 8 keypads, 8 keyfobs, 4 sirens, 4 repeaters

- Optional 3G, GSM/GPRS and IP modules

- Extensive range of PowerG peripherals for every application

- Remote configuration and diagnostics with system status indications

- All devices are configured from the panel

- SirenNet - Leverages smoke detector buzzers for all alarms

- Wired zone and PGM output

- 12 or 24 hour back-up battery

- Available in multiple languages

- Remote software updates

A New Era in Intrusion Alarm Systems

PowerMaster-10 Triple G2 is a compact wireless security alarm system suitable for advanced applications and heavy-duty operations. It has a superior range, prolonged battery life and unmatched wireless robustness. Moreover, it provides outstanding full two-way wireless functionality with all peripherals.

Using Visonic's revolutionary PowerG network technology, PowerMaster-10 Triple G2 fully answers the most demanding requirements facing the security industry today.

PowerG Robustness and Reliability

- Frequency Hopping Spread Spectrum (FHSS).

- Full two-way synchronized TDMA wireless network – Provides streamlined communication and improved channel efficiency.

- Huge transmission range of 2000m (6500ft) line of sight* – Covers significantly larger premises than traditional systems, without repeaters.

- Highly secured AES-128 encrypted wireless communication – Surpasses the most demanding industry standards.

- 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)

Quick and Easy Installation

- Special enrolment button on each device simplifies enrolment procedures.

- All devices are configured from the panel – No hardware switches and no need to re-open the peripherals once closed.

- Customized configuration templates enable configuration of the devices collectively.

- Visible signal quality indication shown on the device – Enables the installer to choose the optimal location without having to walk to the panel during installation.

- 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 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

- Two-way, synchronized, spread spectrum communication eliminates unnecessary re-transmissions.

- Typical 5-8 years' battery life for all peripherals.

- 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.

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	30
User codes	8
Back-up battery	12 hour back-up – 4.8V, 1300mAh, NiMH 24 hour back-up – 4.8V, 2200mAh, NiMH
Dimensions	196 x 180 x 55mm (7.62 x 7 x 2in)
Weight	658g (23oz)
Power supply	Internal or external according to local regulations
Reporting formats	Analog: SIA, Contact ID, Scancom; IP: SIA IP, Visonic PowerNet
Communication	PSTN, GSM, GPRS, 3G, IP

www.visonic.com

Contact Visonic for further information:
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MP-802 PG2
PowerG Wireless Digital Pet immune PIR Motion Detector

Features that Make a Difference:

- Motion and temperature* detection in a single, small device aligned with contemporary design preferences

- Built-in PowerG leading-edge wireless intrusion technology

- Fresnel and cylindrical lenses for uniform detection sensitivity covering up to 12 m (39 ft), with no vertical adjustment needed

- Pet-immune with Target Specific Imaging™ that distinguishes between humans and pets weighing up to 38 kg (85 lb)

- Simple installation and maintenance with exceptionally long-lasting battery and easily accessible battery compartment

- Compatible with PowerMaster alarm systems

Smart dual-function indoor PIR motion detector

The pet-immune MP-802 PG2 is a smart dual-function indoor PIR motion detector that offers reliable motion detection and temperature monitoring performance, in one easy-to-install and attractive device.

Based on built-in PowerG leading-edge wireless technology, the MP-802 PG2 delivers proven motion detection with superior immunity to false alarms.

Proven, market-leading motion detection

The MP-802 PG2 provides exceptional intrusion protection with superior immunity to false alarms.

- The ability to distinguish between intruders and other disturbances, as well as humans and pets, ensures higher reliability and reduced false alarms

- Uniform detection sensitivity is assured across a wide operating range

Security plus smart capabilities in one

With dual-functionality built-in, the MP-802 PG2 addresses the growing market demand for smart capabilities and multi-purpose devices.

- Motion detection and temperature monitoring are included

- Perfect for smart and secure homes, and small to medium-sized enterprises

- Provides the functionality of two detectors for the price of one

* Local technical contact should be consulted regarding temperature detection support.

Quicker, easier installation and maintenance

The MP-802 PG2 saves time with simple installation and maintenance, thanks to an easily accessible battery compartment and longer battery life.

• Simplified inventory with a single device for both motion and temperature detection, and no need to stock separate pet-immune models

• Fresnel and cylindrical lenses require no adjustment during installation

• Extended battery life due to low current consumption

• Quick and simple battery replacements, with an easily accessible battery compartment

Sleek modern design

Designed for contemporary aesthetics, the compact MP-802 PG2 has a sleek, modern look that blends in with any décor.

• Aligned with today's design preferences

• Small format, perfect for unobtrusive corner placement, reduces visual impact

Specifications

Frequency band (MHz) . . . USA: 912-918
Europe and rest of world: . . 433-434, 868-869

Battery type . . . . 3V, CR-123A Lithium battery

Battery life   . . . . 6-8 years with typical use

Weight
(including battery) . . . . . . 90 g (3.17 oz.)

Operating temperature . . . -10°C to 50°C (14°F to 122°F)
Operating environment . . . Indoors

Tamper protection . . . . . . Front cover and back

Dimensions
(H x W x D) . . . . 83 x 61 x 42 mm
(3.27 x 2.4 x 1.66 in)

Complies with . . . . EN 50131-1,
EN 50131-2-2 Security Grade 2,
Environmental Class II

Certifications

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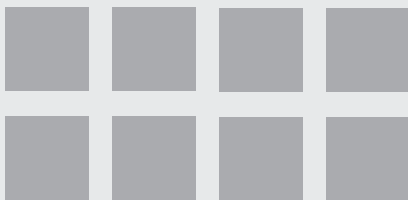
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KF-235 PG2
PowerG-based, Two-way Keyfob

Features and Benefits that makes a Difference:

- Small, slim design

- One-click arming/ disarming, panic alarm and checking of system status

- Large transmission range enables repeater-free installations

- Long battery life (8 years with typical use)

- Visible low battery indication

- Compatible with PowerMaster systems and PowerG receivers

Metal   Bubbles   Black   Wood

High-end, Two-way Keyfob with System Status Display

KF-235 PG2 is a small 4-button keyfob that is used to perform the most common alarm commands: arming/disarming, panic alarm and viewing the system status. Using the KF-235PG2 keyfob is as easy as activating a car alarm. It provides instant visual indication that the requested command has been successfully executed. There is no need to remember codes and it is small enough to fit in a pocket.

Gain the PowerG Wireless Technology Advantage

Using Visonic's ground-breaking PowerG technology, KF-235 PG2 combines several field-proven advanced technologies and the highly reliable AES encryption method. This combination of technologies delivers an extended transmission range, longer battery life, and unmatched advantages for professional installers, central monitoring stations and end-users alike.

Add Style – With Customized Keyfobs

KF-234 PG2 is available in a choice of several different styles and colors. Central stations can also brand this product by creating a uniquely designed keyfob*.

Specifications:

Battery type:
3V, CR-2032 Lithium battery

Battery life:
8 years (with typical use)

Weight (including battery):
25g (0.9oz.)

Operating temperature:
0° to 55°C (32° to 131°F)

Dimensions:
67 x 27.6 x 12 mm
(2-41/64 x 1-3/32 x 15/32 in.)

Compliance with Standards

CE FC RoHS

*Minimum quantity order is required

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MC-302V PG2
PowerG Vanishing Door / Window Contact

with
PowerG
Technology

Features that Make a Difference:

- Very small and virtually unnoticeable when installed
  - Ideal for protecting doors, windows and other openings
  - Fits any window/door type and décor
- Highly reliable
  - PowerG two-way Frequency Hopping Spread Spectrum FHSS-TDMA technology
  - Compatible with PowerG systems and receivers
- Easy installation and maintenance
  - Easy to install and remove
  - Visible signal quality indication shown on the device
  - Large transmission range, enabling repeater-free installations
  - Prolonged battery life for up to 3 years (with typical use) with coin-size battery
  - Low-battery alert
  - Available with white or brown casing

MC-302V PG2 is an extremely small and thin wireless magnetic contact transmitter, designed primarily for protecting doors and windows. When installed, the MC-302V PG2 is virtually unnoticeable and does not interfere with home decoration. Fully compliant with international standards, the MC-302V PG2 is a highly reliable wireless magnetic contact that is compatible with PowerG alarm systems and is very easy to install and operate in a wide range of residential and commercial environments.

Specifications:

Battery type. . . . . 3V, CR-2032 lithium battery

Battery life . . . . 3 years with typical use

Weight (including battery) 12g (0.42oz)

Operating temperature . . . . 0°C to 55°C
(32°F to 131°F)

Operating environment . . . . Indoors

Dimensions .433/868 MHz model: 62 x 25.4 x 7.7mm
(2.5 x 1 x 0.33in)

915 MHz model: 62 x 25.4 x 6.1mm
(2.5 x 1 x 0.25in)

Certifications
EN CE FC

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