Visonic
From Tyco Security Products

KP-250 PG2

Two-way Keypad that Communicates with PowerMaster Panels

with PowerG Technology

Features that Make a Difference:

- Supports user and installer menus
- Enables a complete view and control of the system
- Designed to work with all PowerMaster panels, including new PowerMaster-33 G2 for residential and SME markets
- Integrated sounder
- Sleek design; wall-mounted or desktop
- Provides user with feedback on commands
- Easy use by keypad, proximity tags or RFID cards
- Partition support
- Provides audible and visual entry/exit warnings
- Extended range eliminates the need for repeaters
- Superb value for price

KP-250 PG2 is a stylish and easy to use two-way wireless user interface for PowerMaster systems. It is an ideal solution for users in both residential and small business premises.

Decorative proximity tags enable users to arm/disarm the system, initiate fire and panic alarms and review system status. Allows installers to maximize system security by installing the panel in a hidden location.

Specifications:

Communication protocol	PowerG
Frequency band (MHz)	USA: 912-918 Europe and rest of world: 433-434, 868-869
Battery type	4AA, 3V, Alkaline
Battery life	Up to 3 years (with typical use)
Power source (optional)	5-12VDC
Operating temperatures:	0˚C to 55˚C (32˚F to 131˚F)
Dimensions	150 x 100 x 20mm (5.9 x 3.9 x 0.8in)
Weight (including battery and bracket)	379g (13oz)
Compliance	Europe: EN301489, EN60950, EN50131-1, EN50131-3 USA: CFR 47 part 15

www.visonic.com

Contact Visonic for further information:
Email: info@visonic.com

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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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with PowerG Technology

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

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

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

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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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with PowerG Technology

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)

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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

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