PowerMaster-30 G2
Professional Wireless Security and Safety System

Features that Make a Difference:

- Unmatched affordability and performance

- Accommodates more than 120 wireless devices:
  - Up to 64 zones
  - Up to 32 keypads, 32 keyfobs, 8 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

- PGM output

- Optional proximity reader

- Up to 48 hour back-up battery

- Available in multiple languages

- Remote software updates

- Audible voice notifications

- Built-in siren

A New Era in Intrusion Alarm Systems

PowerMaster-30 G2 is a professional wireless security, safety and control system suitable for advanced applications and heavy-duty operation. It has a superior range, prolonged battery life and unmatched wireless robustness. Moreover, it provides outstanding wireless functionality with all peripherals.

Using Visonic's revolutionary PowerG network technology, PowerMaster-30 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)

New Toolset for Faster and Easier 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	64		
User codes	48		
Back-up battery	24 hour back-up – 7.2V, 1300mAh, NiMH 48 hour back-up – 9.6V, 1800mAh, NiMH		
Dimensions	266 x 206 x 63mm (10.4 x 8 x 2.5in)		
Weight	1.44kg (3.2 pounds)		
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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Contact Visonic for further information:
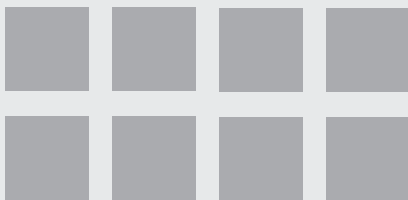Email: info@visonic.com

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

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From Tyco Security Products

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.

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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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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