

PowerMaster-33 G2

PowerG-based Distributed Wireless Alarm



Features that Make a Difference:

- Distributed panel that can be installed out of sight, controlled by wireless devices
- Accommodates more than 120 wireless devices:
 - Up to 64 zones
 - Up to 10 KP-250 PG2 keypads plus 32 keyfobs, 8 sirens, 4 repeaters
- Optional GSM/GPRS/IP modules
- Extensive range of PowerG peripherals for every application
- Remote configuration and diagnostics with system status indications
- All devices are configured from the wireless keypad
- SirenNet - Leverages smoke detector buzzers for all alarms

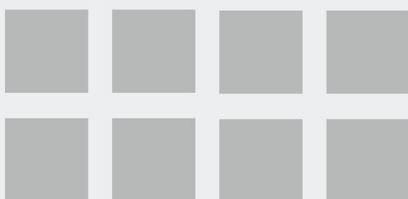
New Markets and Applications for PowerG

PowerMaster-33 G2 is a distributed wireless security, safety and control system. It is suitable for SME / light-commercial usage and for residential customers who want concealed alarm system. It provides outstanding wireless functionality with all peripherals.

Using Visonic's revolutionary PowerG network technology, PowerMaster-33 G2 fully answers the most demanding requirements facing the security industry today, as well as the challenges of tomorrow.

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 keypad and 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

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|---|---|
| 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 201 x 46mm (10.4 x 7.9 x 1.8in) |
| 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, IP |

* All Specifications / colors are subject to change without notice. (V.01)