Visonic®

For a secure way of life

PowerMaster-10 G2

PowerG Ultra-compact Wireless Intrusion Alarm System

PowerMaster-10 G2 is an ultra-compact wireless 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 fully two-way wireless functionality with all peripherals.

PowerMaster-10 G2 fully answers the most demanding requirements facing the security industry today, as well as the challenges of tomorrow.

System Benefits

- Suitable for small commercial and large residential premises
- Remote configuration and diagnostics with system status indications
- All devices are configured from the panel
- Security, safety and visual verification applications
- Flexible and modular
- SirenNet - Leverages smoke detector buzzers for all alarms
- Suitable for distributed installations (black-box, end-station or hidden panel)

System Features

- Unmatched affordability and performance
- Accommodates over 120 wireless devices:
  - Up to 30 zones
  - Up to 8 keypads
  - Up to 8 keyfobs
  - Up to 2 sirens
  - Up to 4 repeaters
- 8 user codes
- Supports partitions
- Wired outputs extender (PGM5)
- Built-in PSTN dialer
- Optional GSM/GPRS and IP internal modules
- Stores 1000 log entries
- Internal or external power supply
- Extensive range of PowerG peripherals for every application

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PowerG Technology Features and Benefits

- Frequency Hopping Spread Spectrum (FHSS) – For unmatched robustness and reliability.
- 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.
- Advanced installer toolset – Saves time and money on every installation.
- Advanced tools for central monitoring stations, including remote configuration and diagnostics of peripherals.

*Measured line-of-sight transmission range: 2000m (6500ft) at 8m (24ft), 750m (2500ft) at 2m (6.5ft)

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:	658kg (23 Oz)		
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		