Visonic
From Tyco Security Products

with PowerG Technology

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)

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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

www.visonic.com

Contact Visonic for further information:
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Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative.
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