

RealAlarm™

Visual Alarm Verification Solution



- Real-time capture of alarm events for central monitoring stations
- Reduce costs - eliminate responses to false alarms
- Improves response to burglary, fire and emergency events
- PowerG® technology - unmatched wireless robustness and range
- Improve collaboration with emergency services



Visonic®

For a secure way of life

When an alarm is false, **EVERY DOLLAR COUNTS**

Central monitoring stations face real, critical problems:

- High false alarm rates - estimated at more than 90%, drain monitoring service providers' time and resources
- Law enforcement authorities in some areas are imposing a strict “no response unless verified” approach and in some countries alarm verification is required by law



The solution: **RealAlarm - Real-time alarm verification**

Visonic's RealAlarm solution provides central monitoring stations with a complete answer for effective visual alarm verification. It enables accurate assessment of the situation inside the premises when an alarm is triggered by a burglary attempt, fire or other emergency. This eliminates the need for unnecessary site checks - ultimately saving time and cost and enabling field staff to be alerted about potentially dangerous situations.

MINUTES; When it's real, EVERY MINUTE COUNTS

Real benefits

- Advanced PIR motion detectors with integrated cameras capture images and audio*
- Instant capture technology guarantees snapshots of fast-moving intruders
- Reduces costs by avoiding responses to false alarms
- Provides visual verification of intrusion, fire and panic alarms
- Reduces hassle for both home owners and service providers
- Enables better service - central station assess the situation, take the appropriate action and help prepare authorities before they arrive
- Provides authorities with documented proof of criminal actions
- Eliminates the need to pay false alarm fines
- Low-cost solution, easily installed as a standalone or as add-on to existing alarm systems

Cost-effective, remote operation

- Remote enrollment, configuration and diagnostics of panel and peripherals
- Remote monitoring of RF link quality
- Advanced installer toolset for faster and easier installations
- Conduct walk tests from remote, with assistance from anyone in the house

PowerG® wireless technology - unmatched features

- Two-way wireless Frequency Hopping Spread Spectrum FHSS-TDMA technology – provides robustness and reliability closer than ever to wired
- Long transmission range (2000m/6500ft line of site, without repeaters)* – suitable for commercial uses
- Longer battery life for all peripherals (5 - 8 years with typical use)
- Highly secured AES-128 encrypted wireless communication – surpasses the most demanding industry standards

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

Additional Features & Specifications



Camera Specifications

	Next CAM PG2
Camera type:	CMOS
Camera range:	12m (40ft) in daylight; 10m (33ft) in complete darkness
Picture color & resolution:	Color/B&W: QVGA, QQVGA
Frame rate:	Up to 2 frames per second
Auto-setup:	Brightness, contrast
Camera angle:	Wide angle 90°
Camera response:	Instant capture functionality
Battery type:	2 x 3V lithium CR-123A or 2 x 3V CR-17450
Battery life:	4 - 8 years (depending on battery type)
Dimensions:	125 x 63 x 60mm (4.9 x 2.5 x 2.4in)
Weight (with battery):	200g (7oz)




IP Receiver Specifications

	PowerManage™
Security system reporting:	SIA/IP, AES-128
Automation software communication:	MLR2 (CID/SIA) protocol over RS232 or TCP/IP
Security systems supervision (keep alive):	Configurable intervals
Number of accounts supported (per server):	Up to 20,000/ up to 5,000 (PowerManage Lite)
Redundancy:	Hot standby
Events history per system:	256
Video verification reporting protocol:	PowerNet
Image storage:	Local or external network drive (FTP)

System Specifications

RF network:	PowerG – frequency hopping synchronized (TDMA)
Event reporting channel:	GPRS
Number of cameras:	Up to 10 cameras per installation
Number of zones:	PowerMaster-10: 30 ; PowerMaster-30: 64
User codes:	PowerMaster-10: 8 ; PowerMaster-30: 48

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