

Next CAM PG2

PowerG®
Technology for life



Wireless Digital PIR Detector with Integrated Camera

Next CAM PG2 is a PowerG two-way, wireless PIR detector with an integrated camera that provides the perfect solution for visual alarm verification, day or night. Typically installed to cover entire rooms, hallways, stairways or other areas, this detector ensures visibility where needed.

When the alarm system is armed and the PIR sensor detects movement, it automatically activates the camera and sends an alert to the control panel, which immediately sends images and audio* feeds to the central station. By viewing clear images in real time, the central monitoring station staff can verify the alarm and respond accordingly.

- Designed for real-time alarm verification, day or night
- Uses revolutionary PowerG technology, delivering outstanding reliability, robustness and efficiency
- Automatically captures, stores and transmits images and audio feeds* when the alarm is activated by the PIR motion detector.
- Data is sent over GPRS to the monitoring station
- Camera range: 12m (40ft); with IR illumination 10m (33ft)
- Pet-tolerant model – ignores animals up to 38kg (85lb)
- Compatible with PowerMaster® systems



Visonic®

For a secure way of life

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Features and Benefits:

- Provides visual alarm verification with audio* recordings in real time
- Uses revolutionary PowerG technology:
 - Frequency Hopping Spread Spectrum (FHSS) technology – provides military-grade robustness and reliability
 - Full two-way synchronized TDMA wireless network – streamlines communication and increases channel efficiency
 - Highly secured AES-128 encrypted wireless communication – surpasses the most demanding industry standards
- Highly cost-effective with extremely low power consumption
- Instant capture feature - immediately starts recording* when the alarm is activated
- Day and night CMOS camera, with IR illumination
- For Pet-tolerant version (Next CAM K9) - Target Specific Imaging™ (TSI) technology distinguishes between human beings and pets weighing up to 38kg (85lb)
- Advanced True Motion Recognition (TMR™) algorithm (patented) distinguishes between an intruder and other disturbances that can cause false alarms
- No vertical adjustment needed
- Front cover and back tamper
- Automatic camera setup (contrast, brightness)
- Optional AC power
- Auto-setup for brightness and contrast via the control panel

Camera Specifications:

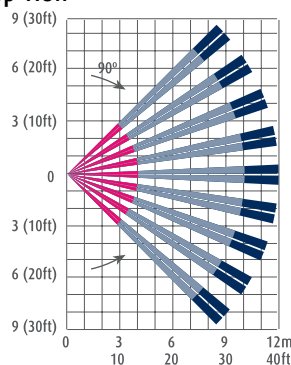
Camera type:	CMOS
Camera range:	12m (40ft) in daytime; 10m (33ft) in complete darkness
Picture format & resolution:	Color/b&w: VGA (640 x 480 pixels), QVGA, QQVGA
Frame rate:	Up to 3 frames per second
Camera angle:	Wide angle 90°
Camera response:	Instant capture functionality*

*This feature will become available later in 2011.

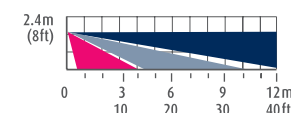
Pattern:

Next CAM PGS / Next CAM K9 PG2 wide angle

Top view



Side view



PIR Detector Specifications:

Operating frequencies:	433, 868, 915MHz
Coverage:	12 x 12m (40 x 40ft) / 90°
Battery type:	2 x 3V lithium CR-123A or 2 x 3V CR-17450
Battery life:	3 years (for CR-123A); 5 years (for CR-17450)
Mounting height:	1.8 to 2.4m (6 - 8ft) - PIR 1.8 to 2.1m (6 - 7ft) - Pet-tolerant
RF/radio technology:	PowerG
Dimensions:	125 x 63 x 60mm (4.9 x 2.5 x 2.4in)
Weight (with battery):	200g (7oz)
Operating temperature:	-10° - 50°C (14° - 122°F)
Tamper protection:	Front cover and back
Compliance:	EN 50131-1 Grade 2 Class II, EN 50131-2-2 (Europe) CFR 47 Part 15 (USA) Industry Canada
Optional accessories:	Wall, corner and ceiling brackets 110/240 VAC power supply

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