

Next CAM PG2

Wireless Digital PIR Detector with Integrated Camera

with
PowerG
Technology



Features that Make a Difference:

- Provides fast alarm verification for monitoring stations
- During alarm events, captures and store video clips
- Images are sent over GPRS to the monitoring station
- Camera range: 12m (40ft); with IR illumination 10m (33ft)
- Optional pet-tolerant model – Ignores animals up to 38 kg (85lb)
- Uses revolutionary PowerG technology, delivering outstanding reliability, robustness and efficiency
- Compatible with PowerMaster systems
- Ideal for commercial and residential applications

Central Monitoring Stations Face Critical Problems

Dealing with false alarms and providing alarm verification has become a major concern and need for central monitoring stations. Law enforcement agencies are adopting a “no response unless verified” approach and in some geographies alarm verification is required by law.

Leveraging Advanced Detection Technologies for Accurate Alarm Verification

The Next Cam PG2 is a two-way, wireless digital PIR detector with integrated camera that provides the perfect solution for visual alarm verification. This detector is typically installed to cover entire rooms, hallways, stairways and other areas where camera viewing is needed. When the alarm system is armed and the PIR sensor detects movement, the detector activates the camera and sends an alert to the control panel which immediately sends the images to the central station. The central monitoring station staff can then review the images to verify the alarm and respond accordingly.

Features and Benefits

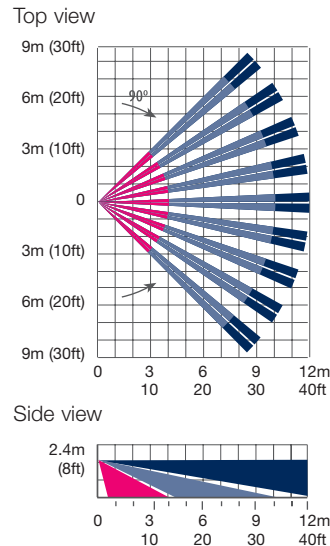
- Provides visual alarm verification in real time
- Uses revolutionary PowerG technology
 - Frequency Hopping Spread Spectrum (FHSS) technology – Provides military-grade robustness and reliability
 - Full, two-way, synchronized TDMA wireless network – Streamlines communication and increases channel efficiency
 - Highly-secure AES-128 encrypted wireless communication – Surpasses the most demanding industry standards
- Cost-effective with extremely low power consumption
- Instant capture feature – Starts recording immediately when the alarm is activated
- Day and night CMOS camera, with IR illumination
- Pet-tolerant version (Next CAM K9) uses Target Specific Imaging (TSI) technology to distinguish 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 for brightness and contrast via the control panel

Camera Specifications

Camera type	CMOS
Camera range	12m (40ft) in daytime; 10m (33ft) in complete darkness
Color & resolution	Color/B&W: QVGA (320 x 240 pixels) QQVGA (160 x 120 pixels)
Frame rate	Up to 2 frames per second
Camera angle	Wide angle 90°
Camera response	Instant capture functionality

Pattern

Next CAM PGS / Next CAM K9 PG2 wide angle



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