



PowerG Wireless Sensors

The Next Generation of Wireless Security

PowerG wireless technology delivers the perfect blend of reliability, range, and security—designed for both residential and commercial applications. With military-grade encryption, long-range communication, and an extensive product lineup, PowerG is the professional's choice for wireless security solutions.



Why Choose PowerG?

Unmatched Range

- » Communicates up to **1.24 miles (2 km) line-of-sight**—ideal for large buildings or multi-structure properties.
- » Strong signal penetration through walls, concrete, and even metal.

Military-Grade Security

- » **128-bit AES encryption** ensures secure, hack-resistant communication.
- » Protects against signal jamming and spoofing.

Smart Power Management

- » Adaptive transmission power extends battery life—**up to 8 years** on a single battery.
- » Reduces system interference and maintenance costs.

Reliable Two-Way Communication

- » Sensors confirm receipt of signals to the control panel.
- » Instant supervision and real-time status updates for maximum reliability.

Interference-Free Operation

- » Frequency Hopping Spread Spectrum (FHSS) technology avoids interference from Wi-Fi, cordless phones, and other electronics.

Comprehensive Product Line

- » Door/window contacts, motion detectors, glass break sensors, keyfobs, and more.
- » All devices work seamlessly on one secure platform.

Professional-Grade Performance

- » UL/ULC approved for both residential and commercial use.
- » Trusted by security professionals worldwide.





PowerG 915Mhz Host Transceiver Module




HSM2HOST9-SL

» Up to 128 sensors can be added to the S1000

Approved PACOM VIGIL CORE PowerG Sensors

This is the current approved list. Our supported range will continue to grow as we qualify additional sensors. Use approved devices from reputable distributors for reliable performance and a smooth installation experience. See installation notes and device data sheets for programming and placement guidance.

360° Ceiling-Mount PIR	Long-range 360° Ceiling-Mount PIR	Digital Pet-Immune PIR Motion Detector	Wireless Door/Window Magnetic Contact
PG9862	PG9872	PG9914	PG9303
			
<ul style="list-style-type: none"> Delivers 360° motion detection from a ceiling-mounted device Fully secures small to mid-sized rooms with detection coverage of up to 10m (32.8ft) in diameter Offers long-lasting value with a 5-year battery life (typical use) 	<ul style="list-style-type: none"> 360° motion detection from a ceiling-mounted device Coverage of up to 64 ft. in diameter; ideal for small-to medium-sized rooms Modern, unobtrusive design Advanced True Motion Recognition™ algorithm differentiates between intruders and other disturbances Offers long-lasting value with extended battery life Low battery indication 	<ul style="list-style-type: none"> Advanced True Motion Recognition™ algorithm differentiates between intruders and other disturbances Pet-immune – Target Specific Imaging™ distinguishes between humans and pets weighing up to 85 lbs., snap-on pet mask Fresnel and cylindrical lenses for uniform detection sensitivity with an operating range of up to 39 ft., with no vertical adjustment needed Motion event counter determines whether 1 or 2 consecutive motion events trigger an alarm. Battery lasts 6-8 years with typical use Front and back tamper protection Low battery indication 	<ul style="list-style-type: none"> Ideal for protecting doors, windows and other entranceways Small size and unobtrusive design make it virtually unnoticeable when installed Provides reliable performance using built-in PowerG leading wireless intrusion technology Outstanding, robust communication enables long-range transmission and strengthens protection against interference Simple to install, with a time-saving pull tab Visible signal quality indicator on the device Easy to maintain Delivers long-lasting value with a 6-year battery life (with typical use)

Single-button Panic Button	Dual-button Panic Button	Door & Window Contact	Glass Break Detector
PG9938	PG9949	PG9945	PG9922
			
<ul style="list-style-type: none"> Activation via large, easy-to-use button Integrated LED to indicate signal transmission and acknowledgement Water resistant Multifunction clip and neck strap Full 2-second delay on panic button Fully Supervised Dimensions: 53 x 33 x 11mm (2.1 x 1.3 x 0.43in) Prolonged battery life (7 years with typical use) 	<ul style="list-style-type: none"> Activation via 2 large, easy to use buttons Integrated LED to indicate signal transmission and acknowledgement Built-in buzzer for audible indication Water resistant Multifunction clip and neck strap Full 2-second delay on panic button Safety Mechanism for preventing false panic calls Prolonged battery life (7 years with typical use) Supplied with a belt clip, a key chain, and a lanyard necklace Dimensions: 53 x 33 x 11mm (2.1 x 1.3 x 0.43in) 	<ul style="list-style-type: none"> Suitable for a wide range of residential and light commercial environments Optional, configurable auxiliary input enables installation of additional hardwired devices when necessary Auxiliary input can be enrolled as a separate zone Battery life of up to 8 years (with typical use) Low battery indication 	<ul style="list-style-type: none"> Cutting-edge glass break detection technology delivers near-zero false alarm rate Acoustic pattern recognition technology provides 360° coverage 25 ft. maximum detection range for plate, tempered, laminated, wired, coated and sealed insulating glass A single detector can protect rooms of up to 32.7 x 39.4 sq. ft. Battery life up to 5 years with typical use Low battery indication