



# PowerG Long Range 360° PIR Detector

PGx872



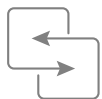
## 360° Motion Detection

Provides circular detection up to 20m (65.6ft) in diameter. Ideal for open areas and large rooms.



## True Motion Recognition™

Advanced algorithm distinguishes between intruder motion and other disturbances which may cause false alarms.



## Dual Functionality

Combines two essential functions—motion and ambient temperature reporting—into one device when enrolled in compatible systems.



## Long Battery Life

Dynamic routing and powered by a 3V CR123A lithium battery for up to 3 years of battery life.



## PowerG Technology

Delivers secure, long-range, and reliable performance—even in challenging environments.



## Easy Installation

Auto-enrollment pull tab and visible link quality LED make installation quick and efficient without needing to return to the panel.

## SPECIFICATIONS

Size (diameter)	15 cm (5.9 in)	
Weight (including battery)	110 g (3.88 oz)	
Battery Type	3V CR132A lithium battery	
Battery Life	Up to 3 years (with typical usage)	
Operating Temperature	-10°C to 55°C (14°F to 131°F)	
Operating Environment	Indoors	
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	
Mounting Height	2 m to 6 m (6.6 ft to 19.7 ft)	
Mounting Location	Ceiling-Mount	
Detection Coverage	Up to 20 m (65.6 ft) in diameter	
Encryption	128-bit AES	
Communication Range	Up to 2 km (1.24 mi) line-of-sight	
Frequency Options	NA	915 MHz
	LATAM	915 MHz, 433 MHz
	EMEA	433 MHz
	APAC	433 MHz
Approvals & Certifications	NA & LATAM	UL/ULC, FCC/IC, Anatel, CNC
	LATAM	CNC/ENACOM, Anatel
	EMEA	Grade 2, FG, F&P, FFH, NCP, SBSC(SSF1014), INCERT(T031), VSO, ICASA
	APAC	RCM, IMDA
Part Number(s)	PG9872 - 915 MHz	
	PG8872 - 868 MHz	
	PG4872 - 433 MHz	