



PowerG Long Range 360° PIR Detector

PGx872



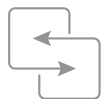
360° Motion Detection

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.



PowerG

DSC



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	