



CONNECT  
ALARM

# IQ4 NS

Smart, affordable security system for all homes



## Affordable and Unparalleled

Superior, affordable, end-to-end solution



## PowerG Activated

Industry-leading range, reliability, and encryption



## Flexible Application

Ideal for residences such as multi-dwelling units, small, and medium-sized homes



## Easy Automation

Z-Wave 800 Series and PowerG technology for lighting, locks, thermostats, and much more



## One Platform

Join the constantly expanding IQ ecosystem



## Simple Setup

Easy installation with the AlarmInstall mobile application for Installers with the PowerManage platform



PowerG



## SPECIFICATIONS

Elements	Parameters	IQ4 NS
User codes	Up to 242	Role-based (distributor, installer, master, user, guest, panic)
Network	Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac, dual-band, 2.4/5 GHz; includes built-in access point capability
	Cellular	Category 4 LTE (bands 2/25, 4/66, 5, 7, 12/17, 13, 14 without FirstNet, 26)
Communication Protocol	Monitoring communication	Fiber compatible with Sur-Gard and PowerManage receivers
Z-Wave Plus (800)	Up to 137 devices	137 in all (up to 80 lights, up to 20 locks, up to 10 thermostats, up to 6 garage doors, up to 21 accessories)
PowerG	Up to 128 devices	2-way wireless, encrypted, secure, long-range, 868 MHz
Platform	Management system	PowerManage: Signal reception, remote setup, and ConnectAlarm and AlarmInstall applications
Bluetooth	Sound transmission and disarming	Bluetooth low energy (BLE) 4.2
Flash memory	Internal storage	16 GB NAND flash memory
LED indicators	Power LED, status LED	1 green LED, 1 color RGB LED
Loudspeaker/Siren	2 W	2 W front speaker + 85 dB piezoelectric siren
Tamper	Tamper switch	Dual panel with tamper switch on the wall, spring-release, and theft reports
Battery	18650 type	3000 mAh Li-Ion rechargeable battery with a charge of more than 24 hours
Buttons	Push button	Single button for synchronization and issues / alarm in memory announcements
Mechanical specifications	Dimensions	155 mm high x 191 mm wide x 26 mm deep (6.1" x 7.5" x 1")
Power source	DC	7 VDC 1000 mA DC, input 100-240 VAC, 50/60 Hz, adapter evaluated at 120 VAC for UL/cUL
Mounting	Rear plate	Includes SmartMount for wall mounting. SmartMount table bracket
Certifications	EN	EN51031 Grade 2
Temperature	Operation	0 °C to 49 °C (32 °F to 120.2 °F), up to 93% relative humidity, indoors; use only in normal dry places
	Storage	-20 °C to 50 °C (-4 °F to 122 °F)
Operating system	Android 9	Wireless (OTA) update, language translation, personalized text to voice
Processor	8 cores	Qualcomm Snapdragon 8-core SOM (system on module) with 16 GB of NAND flash memory