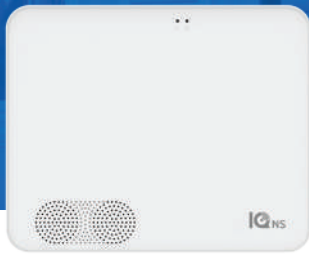
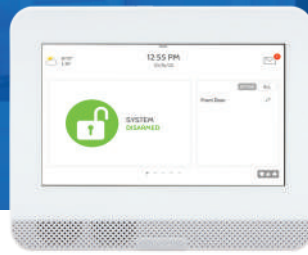


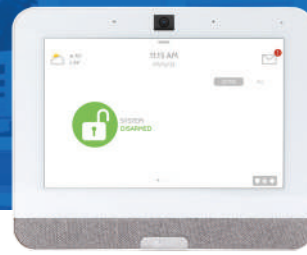
One Platform. Every Application.



IQ NS
NO SCREEN



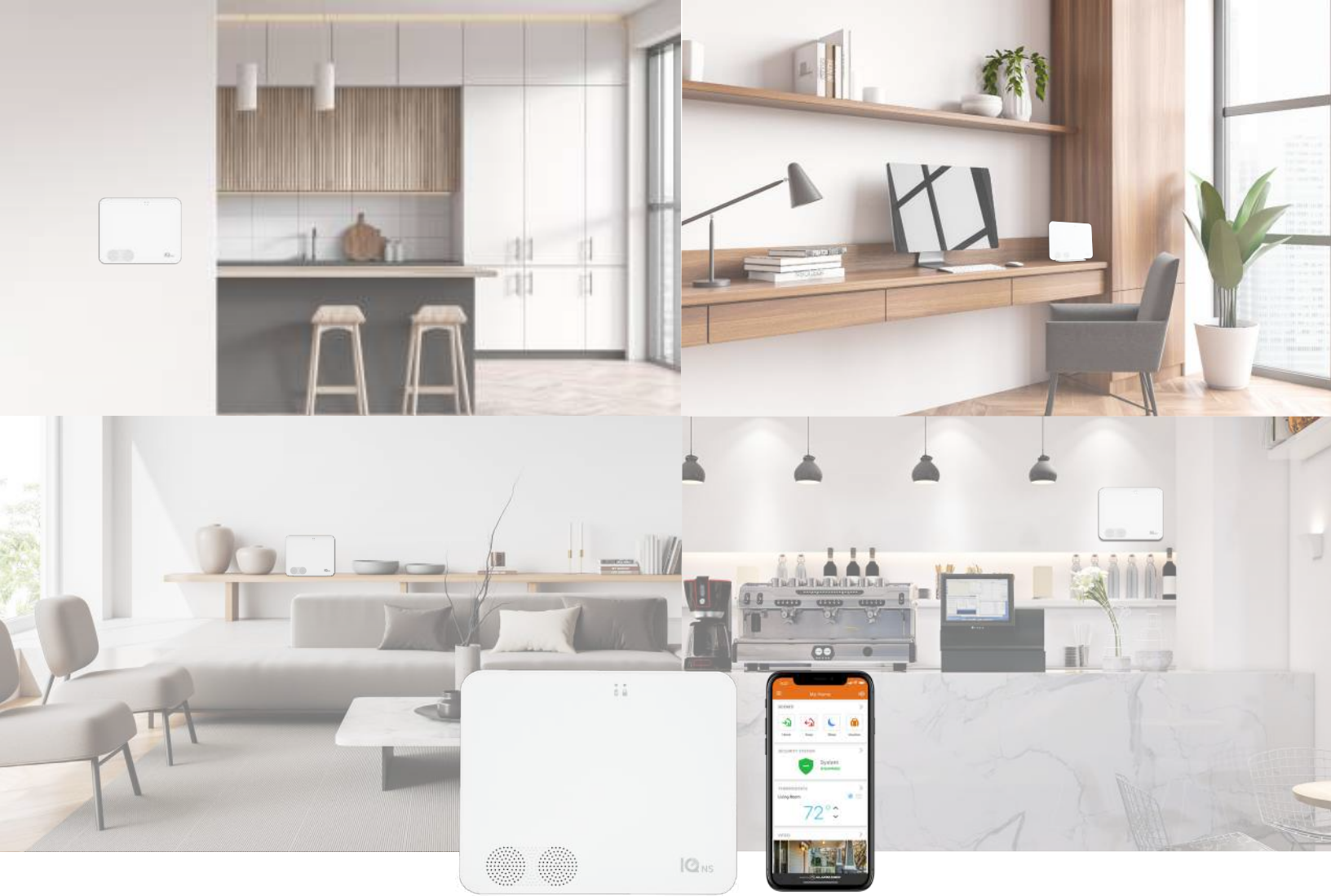
IQ 4 HUB
COST-EFFECTIVE



IQ PANEL 4
FLAGSHIP

Comparison Chart

	IQ NS	IQ 4 HUB	IQ PANEL 4
Hardware			
7" Touchscreen		✓	✓
8-Core CPU	✓	✓	✓
LTE & WiFi Dual-Path Communication Built In	✓	✓	✓
Dual SRF (PowerG plus 1 legacy SRF: 319.5 or 345 or 433)			✓
Single SRF (Choose from PowerG or 319.5 or 345 or 433)	✓	✓	
Z-Wave Plus (800 Series)	✓	✓	✓
Bluetooth Disarming	✓	✓	✓
Music Streaming		✓	✓
Microphones		1	3, with echo cancellation
8MP Panel Camera with Flex Tilt			✓
Panel Glass Break Detector			✓
Panel Motion Detector			✓
24-Hour Lithium Polymer Backup Battery Pre-installed	✓	✓	✓
Smart Mount Installation	✓	✓	✓
Compatible with IQ Base			✓
Option for Black Housing			✓
Software			
	IQ4 NS	IQ4 Hub	IQ Panel 4
Live View, Live Answer Doorbell & Cameras		✓	✓
Weather on Home Screen		✓	✓
Photo Frame Screen Saver		✓	✓
Full Alarm.com Integration	✓	✓	✓
Security			
	IQ4 NS	IQ4 Hub	IQ Panel 4
Speakers	One 2-Watt	One 4-Watt	Four 4-Watt
85dB Siren	✓	✓	✓
128 Zones	✓	✓	✓
4 Partitions	✓	✓	✓
Up to 242 User Codes	✓	✓	✓
Encrypted Sensors	✓	✓	✓
Hardwire Support	✓	✓	✓
2-Way Voice			✓
Residential Certifications (UL 1023, 985)	✓	✓	✓



IQ4 NS

Affordable Smart Security for Every Home



Affordable Best-In-Class
Superior and economical end-to-end solutions



PowerG™ Enabled
Industry-leading encryption, range and reliability



Flexible Application
Perfect for use in Residential, Builder, MDU and SMB



Easy Automation
Z-Wave 800 Series for lights, locks, thermostats and more



One Platform, One Solution
Join an ever-growing, seamless IQ ecosystem



Effortless Setup
Simple installation with SmartMount, IQ Installer, and Alarm.com integration

Specifications

Items	Parameters	IQ4 NS
User Codes	Up to 242	Role-based (Dealer, Installer, Master, User, Guest, Duress)
Network	Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac dual-band 2.4/5GHz - including built-in access point capability
	Cellular	LTE Category 4 (Bands 2/25, 4/66, 5, 7, 12/17, 13, 14 non-FirstNet, 26)
Z-Wave Plus (800)	Up to 137 Devices	137 total (Up to 80 lights, up to 20 locks, up to 10 thermostats, up to 6 garage doors, up to 21 misc.)
PowerG	Up to 128 Devices	915 MHz Long-Range Secure Encrypted 2-Way Wireless
Security RF	Up to 128 Devices	Depending on the model: Either S-Line Encrypted 319.5 MHz, 345 MHz, or 433 MHz
Bluetooth		Qualcomm Bluetooth Low Energy (BLE) 4.2
Flash Memory	Internal Storage	16GB NAND Flash
LED Indicator	Power LED, Status LED	x1 Green LED, x1 Full-color RGB LED
Speaker/Siren	2W	Front-facing 2W speaker + 85dB piezo siren
Tamper	Tamper Switch	Dual panel and wall tamper with spring release and Smash and Grab reporting
Battery	Type 18650	Rechargeable Lithium Ion 3000mAh rated for over 24 hours
Buttons	Hard Button	Single button for pairing and troubles / alarm in memory announcements
Mechanical	Dimensions	6.1"H x 7.5"W x 1"D (155mm x 191mm x 26mm)
Power Supply	DC	7v DC 1000mA CC, Input 100-240VAC 50/60Hz adapter evaluated at 120vAC for UL/cUL
Mount	Back Plate	SmartMount for wall mounting included. SmartMount table stand
Certifications	FCC	FCC: 2AAJXQS-IQP4Z (may contain additional modules with separate FCC IDs) 2AAJXQS-ZW8
	IC	IC: 11205A-QSIQP4Z
	UL/ULC	UL-985, UL-1023, UL2610, ULC-S545, ULC-S304
Temperature	Operational	0°C to 49°C, 32°F to 120.2°F, up to 93% relative humidity, indoor, dry ordinary locations use only
	Storage	-20°C to 50°C, -4°F to 122°F
Operating System	Android 9	OTA updates, custom text-to-speech, language translations
Processor	8-core	Qualcomm Snapdragon 8-core SOM (System on a Module) with 16GB of NAND Flash



Affordability Without Compromise

Everything you want, nothing you don't.



Affordable All-in-One

8-Core Processor, LTE & Wi-Fi Dual Path, 7" Touchscreen



Video

Live View, Live Answer doorbell & cameras on screen



Choose Your Version

PowerG or Interlogix or Honeywell or S-Line or 2Gig or DSC



Bluetooth

Touchless disarming, music streaming



Automation

Z-Wave 800, lights, locks, thermostats, garage doors



Easy Installation

SmartMount, Install Wizard, on-screen diagnostics & more

Specifications

Items	Parameters	IQ Hub
LCD Display	Size	7-inch LCD
	Resolution	1024 x 600 pixels
	Brightness	300 cd/m2
	RGB Color	24bit, 16.9 Million Colors
Touchscreen	Type	Capacitive glass
User Codes	Up to 242	Role-based (Dealer, Installer, Master, User, Guest, Duress)
Network	WiFi	WiFi 802.11 a/b/g/n/ac dual band 2.4/5GHz - including built-in access point capability
	Cellular	LTE Category 4 (Bands 2/25, 4/66, 5, 7, 12/17, 13, 14 non-FirstNet, 26)
Z-Wave Plus (800)	Up to 137 Devices	137 total (Up to 80 lights, up to 20 locks, up to 10 thermostats, up to 6 garage doors, up to 21 misc.)
PowerG	Up to 128 Devices	915 MHz Long Range Secure Encrypted 2-Way Wireless
Security RF	Up to 128 Devices	Depending on the model: Either S-Line Encrypted 319.5 MHz, 345 MHz, or 433 MHz
Bluetooth	Disarm & Audio Streaming	Bluetooth Low Energy (BLE) 4.2
Flash Memory	Internal Storage	16GB NAND Flash
LED Indicator	Status LED	Full-color RGB LED
Speaker/Siren	4W	Front-facing 4W speaker + 85-dB piezo siren
Microphone	MEMS	1x MEMS (Micro-Electro-Mechanical System) Microphones
Tamper	Tamper Switch	Dual panel and wall tamper with spring release and Smash and Grab reporting
Battery	Type 18650	Rechargeable Lithium Ion 3000mAh Rated for over 24 hours
Buttons	Hard Button	Single wake/sleep button, all user controls through touch interface
Mechanical	Dimensions	6.1"H x 7.5"W x 1"D (155mm x 191mm x 26mm)
Power Supply	DC	7v DC 1000mA CC, Input 100-240VAC 50/60Hz Adapter evaluated at 120vAC for UL/cUL
Mount	Back Plate	SmartMount for wall mounting included. SmartMount table stand
Certifications	FCC	FCC: 2AAJXQS-IQPANEL4 (may contain additional modules with separate FCC IDs) 2AAJXQS-ZW8
	IC	IC: 11205A-QSIQPANEL4 11205A-QSZW8
	UL/ULC	UL-985, UL-1023, UL2610, ULC-S545, ULC-S304
Temperature	Operational	0°C to 49°C, 32°F to 120.2°F, up to 93% relative humidity, indoor, dry ordinary locations use only
	Storage	-20°C to 50°C, -4°F to 122°F
Operating System	Android 9	Security & Home Automation Touch and Swipe Interface
Processor	8-core	Qualcomm Snapdragon 8-core SOM (System on a Module) with 16GB of NAND Flash

Moving the Goalposts ... again



IQ Panel 4 PowerG + 319.5MHz

IQ Panel 4 PowerG + 345MHz

IQ Panel 4 PowerG + 433MHz



Easiest Installation Ever

SmartMount system, all internal antennas, on-screen Installation Wizard



QuadSound Audio Streaming

Bluetooth Audio from your Smart Phone using four 4 watt speakers



Best Built-in Camera

8MP 120° wide angle camera w/ FlexTilt. Peek-in, Disarm Photos, Alarm Videos



Better All-In-One Range

LTE and WiFi Dual-Path, Dual SRF featuring PowerG, Z-Wave 700 Series, Bluetooth 4.2



Best Differentiating Features

Bluetooth Touchless Disarming, Live View, Live Answer, Built-in Glass Break



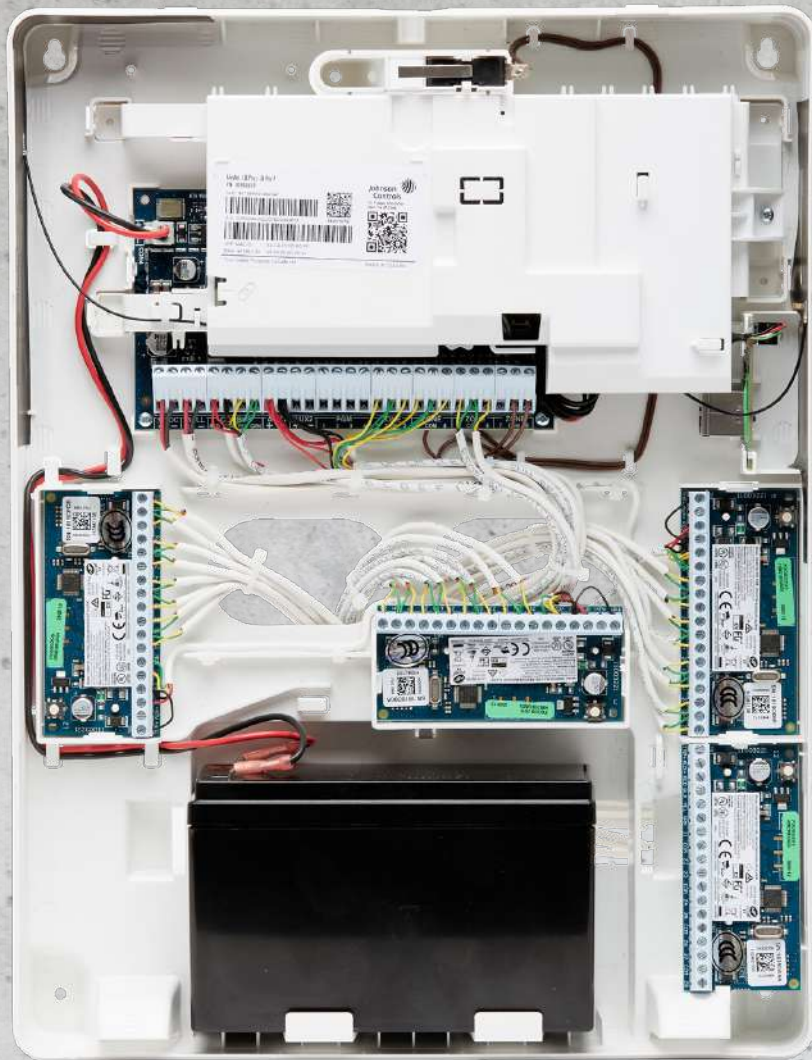
Best Integrations

Best in class Residential, Commercial, MDU, Builder, Wellness support

SPECIFICATIONS

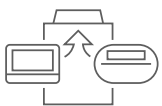
Items	Parameters	IQ Panel 4
LCD Display	Size	7 inch LCD
	Resolution	1280 x 800 pixels
	Brightness	300 cd/m2
	RGB Color	24bit, 16.9 Million Colors
Touchscreen	Type	Capacitive glass multi-touch
User Codes	Up to 242	Role-based (Dealer, Installer, Master, User, Guest, Duress)
Network	WiFi	WiFi 802.11 a/b/g/n/ac dual band 2.4/5GHz - including built-in access point capability
	Cellular	LTE Category 4 (Bands 2/25, 4/66, 5, 7, 12/17, 13, 14 Non-FirstNet, 26)
Z-Wave Plus (700)	Up to 137 Devices	137 total (Up to 80 lights, up to 20 locks, up to 10 thermostats, up to 6 garage doors, up to 21 misc.)
PowerG	Up to 128 Devices	915 MHz Long Range Secure Encrypted 2-Way Wireless
Security RF	Up to 128 Devices	Depending on the model: Either S-Line Encrypted 319.5 MHz, 345 MHz, or 433 MHz
Bluetooth	Disarm & Audio Streaming	Bluetooth Low Energy (BLE) 4.2
Flash Memory	Internal Storage	16GB NAND Flash
LED Indicator	Status LED	Triple full color RGB LED
Speaker/Siren	4W x 4	QuadSound 4x front-facing 4W speakers and 85-decibel siren
Camera	Front Camera	8MP Wide-Angle, 120° Field-of-View, Fixed-Focus Camera, with Flex-Tilt Adjustment
Microphone	MEMS x3	3 MEMS (Micro-Electro-Mechanical System) Microphones with Echo Cancellation
Tamper	Tamper Switch	Dual panel and wall tamper with spring release and Smash and Grab reporting
Battery	Type 18650	Rechargeable Lithium Ion 3000mAh Rated for over 24 hours
Buttons	Hard Button	Single wake/sleep button, all user controls through touch interface
Mechanical	Dimensions	6.1"H x 7.5"W x 1"D (155mm x 191mm x 26mm)
Power Supply	DC	7v DC 1000mA CC, Input 100-240VAC 50/60Hz Adapter evaluated at 120vAC for UL/cUL
Mount	Back Plate	SmartMount for wall mounting included. SmartMount table stand or SmartMount IQ Base Table Stand with built-in Subwoofer sold separately
Certifications	FCC	FCC: 2AAJXQS-IQPANEL4 (may contain additional modules with separate FCC IDs)
	IC	IC: 11205A-QSIQPANEL4
	UL	UL-985, UL-1023, UL2610, ULC-S545, ULC-S304
Temperature	Operational	0°C to 49°C, 32°F to 120.2°F, up to 93% relative humidity, indoor, dry ordinary locations use only
	Storage	-20°C to 50°C, -4°F to 122°F
Operating System	Android 9	Security & Home Automation Touch and Swipe Interface
Processor	8 core	Qualcomm Snapdragon 8 core SOM (System on a Module) with 16GB of NAND Flash





IQ Pro

Commercial hybrid intrusion just got upgraded



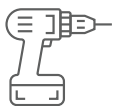
Two panels in one

IQ Panel 4 & PowerSeries NEO combined



Addressable Loops

One wire, all your devices



Anyone can be a pro

Purpose built for easy install using IQ Installer, in the iOS App Store or Google Play Store



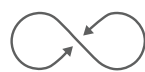
Communicators Built-in

Dual-Path LTE and WiFi/Ethernet



PowerG range & encryption

Industry's best wireless security and life safety sensor portfolio



Everything you need

8 partitions, 100+ zones, 200+ users

SPECIFICATIONS

Connectivity

Zone Configuration	Up to 128, fully supervised 41 sensor groups
Addressable Zones	Up to Panel Max using HSM3105 Expander for MX addressable technology
Hardwired Zones	Normally Closed, Normally Open, SEOL, DEOL 8 zones on board Expandable to Panel Max using HSM2108 up to Panel Max
Wireless Zones	PowerG: 915 Mhz Long Range Secure Encrypted 2-Way Wireless Security RF: Depending on the model: Either S-Line Encrypted 319.5 MHz, 345 MHz, or 433 MHz (Soft Launch, only 433 available) Z-Wave: Not available at soft launch
PowerG Wireless	PowerG radio modem operates in 912-919 MHz band (long range, secure encrypted two-way wireless)
Wireless Keys	Supports up to 32 wireless remote keys
Panic Pendant	Up to 120
Programmable Outputs	4 onboard, 128 low current using HSM2208, 16 high current using HSM2204

Power Sources

Power Supply	External Power Adapter: 120VAC, 60Hz, 1.2A DSC UL and ULC models: HS40WPSA & HS40WPSNA
Additional Power Supply	Up to 4 Additional Power Supply (HSM2300 or HSM 2204)
Battery Type	Sealed, rechargeable lead acid
Current Draw - Control Panel	120 mA (nominal)

General Information

Users	Up to 1000 users (Soft Launch limited to 249) Master, installer, dealer, guest, duress and user codes 4 or 6-digit codes
Partitions	Up to 8 partitions
Keypad Support	Up to 16 hardwired keypads Up to 5 wireless Keypads including IQ Remote PowerG
System Supervision	AC, zone, fire, communication, low battery, RF jam, Aux, module, system troubles/faults
Communicator Support	Dual communicator support, using onboard wifi or Ethernet, secondary communication using built-in cellular radio
Remote Services	Alarm.com integration, cloud connectivity
Central Station Reporting	Central station reporting through Alarm.com using SIA or CID
Local Programming	On Smartphone using the local installer interface connected on Wi-Fi
Event History	Captures, stores and reports up to 200 events
Certification	FCC IC UL-985, UL-1023, UL-2610 UL-1637 ULC-S545, ULC-S304
Processor	Qualcomm Snapdragon 8 Core SOM (System On a Module) with 16 GB of NAND Flash
Network	Wi-Fi 802.11 a/b/g/n/ac dual band 2.4/5ghz - including built-in router capability Ethernet 10/100Mb Cellular LTE CAT4 (Bands 2/25, 4/66, 5/26, 7, 12/17, 13, 14 (non-First Net))
Dimension /(LxWxH)	IQ Pro (metal): 482.5mm x 305mm x 124mm (19" x 12" x 4.9") IQ Pro P (plastic): 397.5mm x 304mm x 92mm (15.7" x 11.9" x 3.6")
Weight	IQ Pro (metal): 9.8lbs (without battery) IQ Pro P (plastic): 3.74lbs (without battery)
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Humidity	5% to 93% RH non-condensing



Reliable Connectivity with PowerG

Control and connect with your security system at maximum range



PowerG

Massive range for secondary control of your home or business



OTA Upgrades

Upgrades over Wi-Fi or Access Point



7" Inch Touch Display

Large, easy to read screen to manage your security system



Smart Home Control

Smart light and lock control from remote locations



Battery Backup

UL 2610 / ULC-S304 rated including 24-hour backup



Panel Compatibility

One remote controller that works with IQ Panel 4, IQ4 Hub and IQ Pro



Stop Wasting Truck Rolls!

The first Wi-Fi purpose built for Pros



Alarm.com Integration

Remote support from anywhere



Easy Install

Intuitive on screen pairing and access through panel and Alarm.com integration



IQ Panel Integration

Intuitive end-user controls



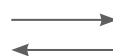
Wi-Fi Partitions

Separate your Wi-Fi devices from the customer



✓Speed ✓Coverage ✓Mesh

Gigabit speed, 1500 sq ft coverage, add up to 8



Independent or Parallel

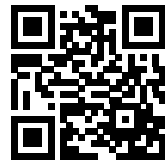
Replace the existing network or leave it alone



SPECIFICATIONS

Items	IQ WIFI 6
Wireless Band	Dual IEEE 802.11 b/g/n/ax 2.4GHz IEEE 802.11 a/n/ac/ax 5GHz - AX1800
Ethernet	1x LAN / 1x WAN Gigabit Ethernet Ports
Security	WPA2 and WPA 3 Encryption
Expandable Mesh	Add up to 8 nodes (1 controller & 7 agents).
DHCP	Server, Client
Protocols	IPv4 and IPv6
Guest Network	2.4GHz/5GHz
WPS	Physical button is on the back of the device
Power Supply AC-DC	AC (110V 60Hz / 240V 50Hz), 12 DC (12V/1.5A) - Barrel jack
Operating Temperature	32°F to 104°F (0°C - 40°C)
Operating Distance	Up to 1,500 square feet per point
Weight	425g
Size	151.4mm x 150.4mm x 55.4mm
Part Number	IQWF6

Install Documentation:



qolsys.com/wifi6-docs/

PowerG Wired to Wireless Upgrade & Expansion Module



Use the Tyco | PowerG Wired to Wireless Upgrade & Expansion Module to upgrade and enhance old security systems. Quick. Easy. Secure.

Key Features

- Industry-leading PowerG wireless technology
- Connect siren, strobe and 4 PGMs for a full range of applications
- Enhanced security is enabled by the double end-of-line programming, tamper protection (including back tamper) and the integrated power supply supervision
- Lead acid backup is safely stored inside the plastic cabinet
- Use your favorite hardwired device from any hardwired portfolio and incorporate it into the PowerG ecosystem

The Tyco | PowerG Wired to Wireless converter leverages industry-leading PowerG wireless technology capabilities, featuring superior encryption and long range.

- 8 wired inputs enable to connect to 8 hardwired zones
 - Normally Open / Normally Closed, Single End of Line and Double End of Line configuration
 - 250ms loop response
- Support for:
 - Up to 18 conventional 2-wire smoke detectors
 - 4-wire smoke detectors
 - CO detectors
- Siren output (Supervised) 12V @ 700mA
- 4 programmable PGM outputs
- PGM support for ON/OFF functionality
- Enhanced tamper protection with front and back cover tamper switches
- AC to DC power adapter output of 18VDC
- 2 Auxiliary independent power loops (500mA total)
- 24h battery backup (sold separately) located inside the device enclosure
- Enhanced security with the integrated power supply supervision

Specifications

Model #	PG9WLSHW8
Frequency	912-919 MHz
Size	225mm x 250mm x 80mm
Weight (including battery)	2.85 kg / 6.28 lbs
Battery type	12V / 7Ah sealed, rechargeable lead acid (not included) 24 hour standby time and 5 minute alarm time for residential fire applications
Operating temperature	-10C - 55C / 14F - 131F
Operating environment	Indoors

PowerG – The power of wires, without the wires.

- Military-grade 128-bit AES encryption protects against powerful analysis tools and digital attacks
- Full two-way synchronized TDMA synchronized communication technology - to prevent message collisions
- Multi-channel, Frequency Hopping Spread Spectrum technology repeatedly switches frequencies to minimize interference of radio signals and prevent interception and obstruction during transmission
- Devices dynamically optimize their route to the control panel to avoid RF interference and to extend battery life up to 8 years**, and reducing the cost of system maintenance
- High transmission ranges allow for devices to reliably communicate within up to 2km/1.24 miles line-of sight, therefore reducing the cost of installing additional repeaters to service larger premises
- Simplified installation using a visible link quality LED indicator on the devices, allowing device testing at selected location, without having to return to the panel
- Quick, error-free enrollment with built-in auto enrollment process by simply using a pull tab
- Advanced, time-saving toolset: on-site and remote diagnostics, remote real-time testing, support for advanced applications & mobile control to dramatically reduce maintenance costs

**Battery life depends on device, device placement and system use

Approvals

- UL
- FCC
- ULC
- IC

Compatibility

- Qolsys IQ Panel 2+

For further information please refer to www.dsc.com and www.qolsys.com

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.