Qolsys IQP4001

Qolsys IQ Panel 4 User Manual

Wireless Smart Home Security System Alarm Panel

1. INTRODUCTION

The Qolsys IQ Panel 4 is an advanced wireless smart home security system designed to provide comprehensive protection and automation for your residence or small commercial property. Featuring an intuitive 7-inch LCD touchscreen, an integrated 8MP camera, and robust wireless communication capabilities, the IQ Panel 4 serves as the central hub for managing your security and smart home devices.

This manual will guide you through the installation, operation, and maintenance of your IQ Panel 4, ensuring you can effectively utilize its full range of features for enhanced safety and convenience.

Figure 1: The Qolsys IQ Panel 4, a central hub for smart home security.

2. Setup and Installation

The IQ Panel 4 is designed for straightforward installation, whether wall-mounted or placed on a countertop. It includes a SmartMount system and an intuitive on-screen installation wizard to guide you through the process.

2.1 Unboxing and Components

Before beginning, ensure all components are present:

- IQ Panel 4 Wireless Control Panel
- IQ Panel 4 SmartMount Wall Bracket
- IQ Panel 4 Power Transformer
- IQ Panel 4 Alarm Battery

2.2 Powering On and Initial Setup

Connect the power transformer to the panel and a wall outlet. The panel will power on automatically. The on-screen installation wizard will then guide you through the initial setup steps, including network connection and basic configuration.

Figure 2: The IQ Panel 4 features an on-screen installation wizard for easy setup.

2.3 Sensor and Device Pairing

The IQ Panel 4 supports a wide range of wireless sensors and devices, including PowerG, Z-Wave, and Security RF devices. The installation wizard will assist in pairing these devices. Refer to the specific sensor's manual for its pairing instructions.
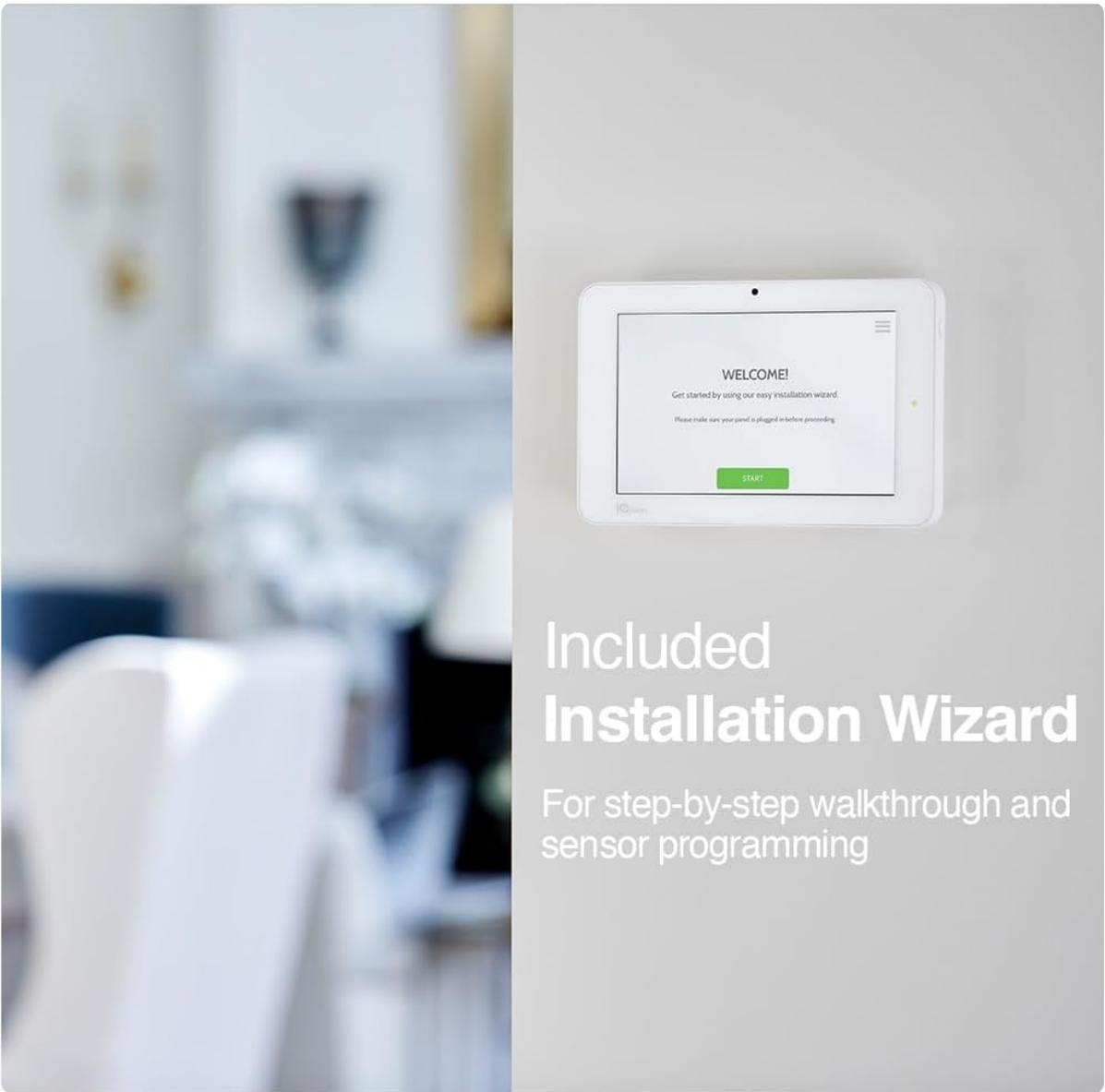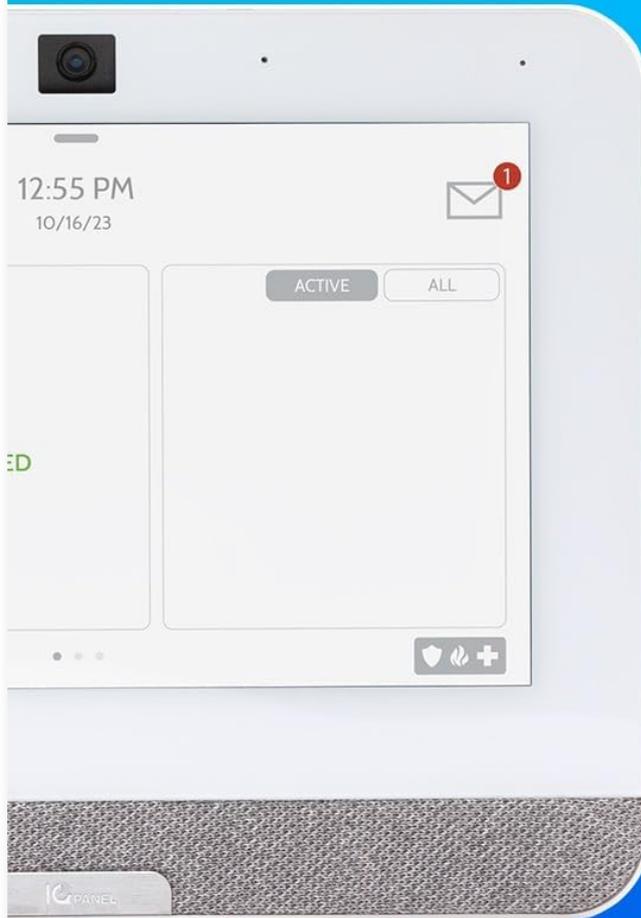
Figure 3: The IQ Panel 4 supports various wireless communication protocols, including Z-Wave Plus, PowerG, and Security RF.

Figure 4: The IQ Panel 4 integrates six wireless communication radios for comprehensive connectivity.

3. Operating Your IQ Panel 4

The IQ Panel 4 offers a user-friendly interface for managing your security system and smart home devices.

3.1 Touchscreen Interface

Navigate the system using the 7-inch LCD touchscreen. The interface provides quick access to arming/disarming, device control, and system settings.

3.2 Security Features

- **Arming/Disarming:** Easily arm your system in 'Stay' (for home) or 'Away' (for leaving) modes, and disarm with your code.
- **Built-in Camera:** The 8MP front camera captures disarm photos and alarm videos (up to 4 minutes) for visual verification, stored locally on the panel.

- **Emergency Panic:** Quick access to emergency panic features for various situations, including senior care.
- **Glass Break Sensor:** Integrated sensor detects glass breakage for added security.
- **85dB Siren:** Built-in siren for audible alerts during alarms.

3.3 Smart Home Automation

The IQ Panel 4 seamlessly integrates with various smart home devices, allowing you to control lights, locks, thermostats, and more. This is largely facilitated through the Alarm.com mobile app.

- **Alarm.com Integration:** Use the Alarm.com mobile app to remotely manage your system, view cameras, answer video doorbells, and receive notifications.
- **Live View & Live Answer:** View video cameras directly on the panel screen and answer video doorbells from the panel, replicating the mobile app experience.
- **Z-Wave Devices:** Control Z-Wave compatible devices like smart locks and thermostats directly from the panel or via the app.
- **Life Safety Devices:** Pair with smoke detectors, carbon monoxide detectors, flood detectors, and temperature sensors for comprehensive home safety.

Figure 5: The IQ Panel 4 provides full system control through a single app, managing various smart home devices.
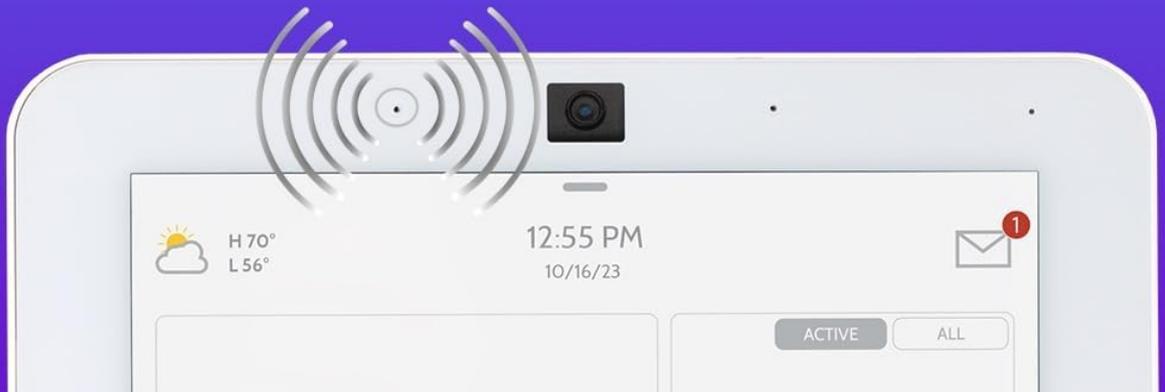
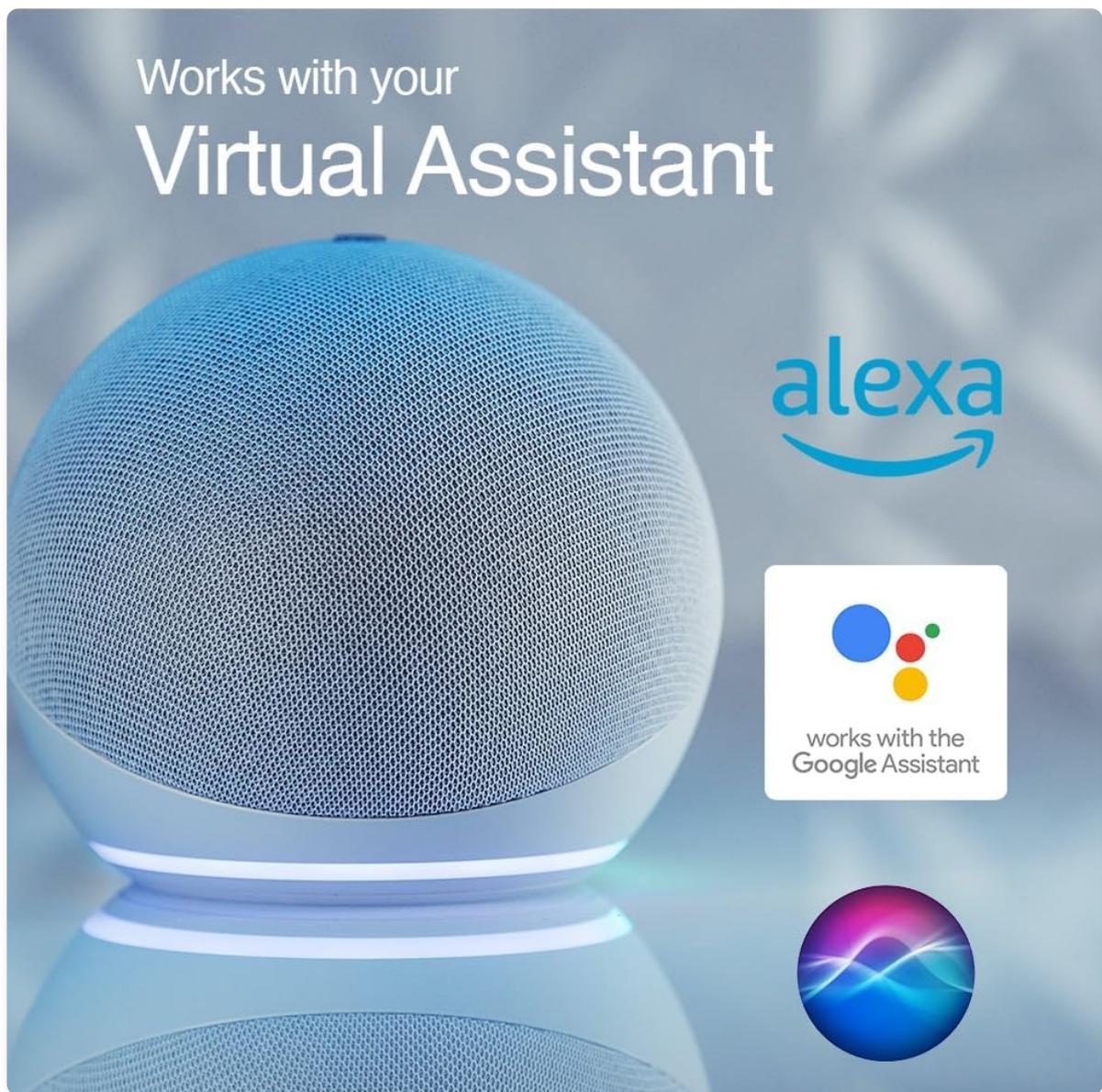Figure 6: The Alarm.com mobile app provides comprehensive control and monitoring for your IQ Panel 4 system.

Figure 7: The IQ Panel 4 is compatible with popular virtual assistants like Alexa and Google Assistant.

3.4 Instructional Videos

Video 1: Learn about the next generation IQ Panel 4 from Johnson Controls.

Video 2: Explore the Dual Path Connectivity feature of the IQ Panel 4.

Video 3: Understand the benefits of IQ Panel PowerG technology.

Video 4: See how Qolsys Live Answer works for video doorbells.

Video 5: Learn about IQ Panel Geofencing capabilities.

Video 6: An introductory overview of the Qolsys IQ Panel 4.

Video 7: Discover the encryption features of the Qolsys IQ Panel.

Video 8: A demonstration of Qolsys Live View functionality.

Video 9: Learn about Qolsys Z-Wave Plus integration.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your IQ Panel 4.

- **Cleaning:** Use a soft, dry cloth to clean the touchscreen and panel exterior. Avoid abrasive cleaners or excessive moisture.
- **Battery Check:** The panel includes an alarm battery. While designed for extended life, monitor its status through the system interface. Replace if indicated by the system.
- **Software Updates:** The IQ Panel 4 receives over-the-air (OTA) software updates. Ensure your panel is connected to Wi-Fi to receive these updates, which provide new features and security enhancements.
- **Sensor Checks:** Periodically test your connected sensors (door/window, motion, etc.) to ensure they are communicating correctly with the panel.

5. TROUBLESHOOTING

If you encounter issues with your IQ Panel 4, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Panel not powering on	Power transformer disconnected or faulty; battery depleted.	Ensure power transformer is securely plugged into the panel and a working outlet. Check if the alarm battery needs charging or replacement.
No Wi-Fi connection	Incorrect Wi-Fi password; router issue; panel too far from router.	Verify Wi-Fi password. Restart your router. Move the panel closer to the router or consider a Wi-Fi extender.
Sensor not responding	Sensor battery low; sensor out of range; sensor not properly paired.	Replace sensor battery. Ensure sensor is within range of the panel. Re-pair the sensor if necessary (refer to sensor's manual).
Alarm.com app issues	Internet connectivity issues; app outdated; account problem.	Check your internet connection. Update the Alarm.com app. Contact your Alarm.com service provider for account-specific issues.

For more complex issues or if the problem persists, contact your security system provider or Qolsys customer support.

6. SPECIFICATIONS

Feature	Detail

Feature	Detail
Model Number	IQP4001
Dimensions (L x W x H)	7.5 x 1 x 6.1 inches
Weight	2.13 pounds (0.97 Kilograms)
Display	7-inch LCD Touchscreen
Camera	8MP with 120° wide angle lens and FlexTilt
Siren Noise Level	85 dB
Connectivity Technology	Wireless (Bluetooth, Wi-Fi, PowerG, Z-Wave, LTE, Dual SRF)
Supported Devices	137 Z-Wave Plus, 128 PowerG, 128 Security RF devices (319.5 MHz compatible)
Power Source	Corded Electric
Included Components	IQ Panel 4 Wireless Control Panel, SmartMount Wall Bracket, Power Transformer, Alarm Battery

7. WARRANTY AND SUPPORT

For warranty information, please refer to the official Qolsys website or contact your authorized dealer. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase. For technical support, troubleshooting assistance, or inquiries regarding professional monitoring services, please contact your security system provider or the Alarm.com support team. You may also find additional resources and FAQs on the Qolsys and Alarm.com official websites.

Optional 24/7 professional monitoring services may be available through your security provider, often including an initial trial period.