

## IQ PANEL 4 - 4.2.0 SOFTWARE UPDATE - RELEASE NOTES AND INSTRUCTIONS

TSB #: 220815

DATE: 08/15/22

RE: IQ PANEL 4 - 4.2.0 SOFTWARE UPDATE  
RELEASE NOTES & UPDATE INSTRUCTIONS

### Release Notes:

#### New Features:

- Support for the all new [IQ WiFi 6](#): Smarter Wi-Fi, purpose built for Pros.
  - Fully integrated with Alarm.com and IQ Panel for easy set up and remote management to reduce truck rolls
  - Wi-Fi Partitions; keep Panels, Keypads, Cameras & Doorbells separate from end user devices by using the built-in dedicated 2.4 & 5 GHz Security SSID's
  - Wi-Fi 6 Mesh with Gigabit speed, coverage of up to 1500 sq ft (140m2) per node, expandable up to 8 nodes total
  - Pre-Order with your distributor now!
- End-to-end support with Alarm.com for Zigbee lights and plug-in modules when using the optional Zigbee daughtercard (QCO00E-840).
- Added the ability to use Partitions without requiring the Lock Screen on the Panel
- Added PowerG Signal Strength, displaying dbm level and graphical interface
- IQ Remotes now allow manual selection of Wi-Fi band (2.4GHz, 5GHz or Both)
- New setting that when activated transmits a unique event code to the CS when the Power Down function is used on the Panel
- Added ability to offload Disarm Photos and Alarm Videos via Panel AP
- Added ability to scan QR codes from Automation device page for easy device enrollment
- The Security Page can now be disabled without having to enroll automation devices first (Automation Only UI)
- Ability to soft reset the Z-Wave network from ADC is now available
- Added support for future Z-Wave 800
- Added System Health Check feature to the Manage My System page

#### Fixes/Improvements:

- Modified Photo Frame mode, pressing the screen to wake does not initiate an arm/disarm function
- While in the Clean Screen mode, the panel no longer annunciates touch sounds
- When Swinger Shutdown is Disabled, Panel will transmit up to 128 alarms per zone / per arming period
- Added ability to choose dimming level of LED's from an on screen slider
- Enhanced the volume slider to allow mute of chimes and beeps
- When disarming from the Panel during Nighttime Mode, the Panel will not emit any chime or beep
- Made enhancements to the advanced Wi-Fi configuration screen
- Proximity Tag Management moved from the Security Sensors page to the User Management page, which allows end users to more easily manage Prox Tags without the need for an Installer Code
- Enhanced the red alarm banner page to show partition name/number
- Enhancements to the Aeotec SmartSwitch 6
- Improved Deako lighting integration

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- PowerG PIR CAM's (PGx934(P), NEXT CAM PG2, NEXT CAM K9-85 PG2, BW-IRC, BW-IPC, PGx944, TOWER CAM PG2, BW-ODC) will now send up to 6 alarm images to the Alarm.com backend for each device trip during the same arming period. Previously, only images from the first alarm trip were sent.
- Removed the help video that referenced loading PhotoFrame images from SD Card
- Life Safety trouble beeps are now enabled by default (Group 26 /34)
- Thermostat UI on the Panel can now show half degree increments (celsius only)
- Improved Solar Data UI
- Improvement to IQ Remote connectivity by automatically toggling Wi-Fi off/on if the remote keypad loses communication with the Panel
- Improved naming conventions related to spaces in First and Last names for User Codes
- Anti-Masking is now supported (On/Off) for PowerG motion sensors that support this feature
- PowerG Photoelectric Beam Detector DQ trouble now displays on ADC as offline/malfunction
- Corrected an issue with PG9905 and ADC Smarter Business Temperature Monitoring (SBTM) service
- Corrected an issue where the PowerG Keypad/Siren will not function properly when enabled for all sounds in Partition 1
- EN Grade 2 systems now support Duress Codes and a new Duress Authentication Setting
- For EN Grade 2 systems with Final Exit Door Arming enabled, added the ability to arm partitions without having to trip an Entry/Exit zone
- For EN Grade 2 systems where Final Exit Door Arming & Scenes are enabled, you can now arm using Alarm.com without needing to trip an Entry/Exit zone
- Added messaging on the Alarm.com history to show when Exit Delay is complete
- Panel Wi-Fi encouragement features can be disabled in cases where no Wi-Fi is present at the installation
- Panel Camera disarm photo is captured on next motion when disarming from KP241 secondary keypads
- Improvements made to Cellular Connectivity
- Depending on carrier, some panels will automatically reboot a second time as part of applying this patch.
- Includes PowerG Modem Firmware Version 3.0 / Build 10.87
- About page now includes Z-Wave Zip Gateway information
- Added additional language support - Turkish

### Update Instructions:

Compatibility Note: Your IQ Panel must be on software version 4.1.1 or higher and connected to Wi-Fi to install this update wirelessly. Panels running 4.0.0, 4.0.1 or 4.1.0 must be updated to 4.1.1 first, then they can be updated directly to 4.2.0.

- 1- Swipe down from the top of the screen and touch "Settings"
- 2- Touch "Advanced Settings"
- 3- Enter a valid installer code (default is 1111)
- 4- Touch "Upgrade Software"
- 5 -Touch "Patch Tag" and enter the patch *iqpanel4.2.0* then touch OK
- 6- Touch "Upgrade Using Network" (panel must be connected to Wi-Fi). Update will download and install
- 7- Once complete touch "OK" to reboot the panel. **DO NOT TOUCH THE SCREEN.** The update process will take approximately 5 minutes. After the panel reboots the home screen will appear and the LED will turn green.