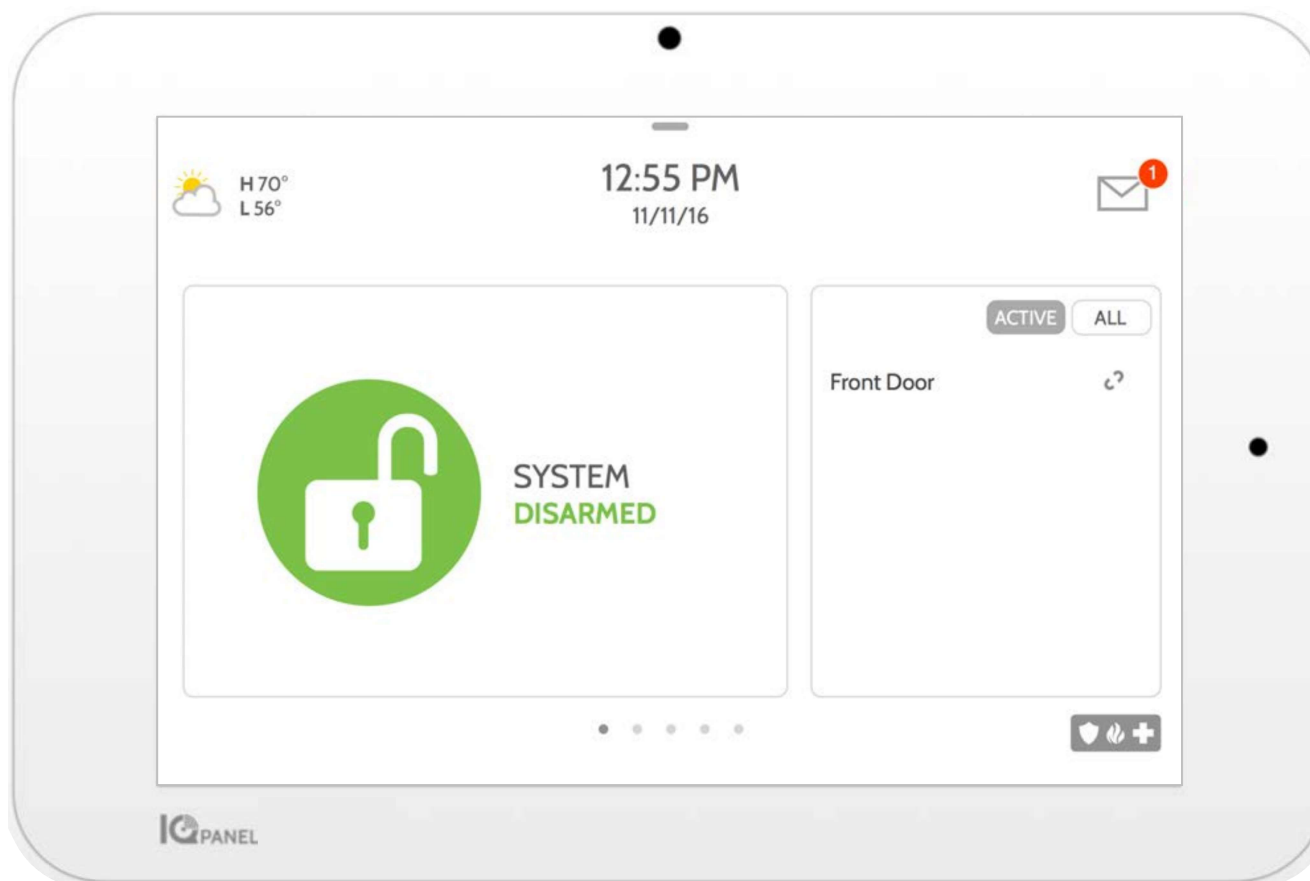


IQ PANEL 2+

INSTALLATION MANUAL

Qolsys IQ Panel 2+
Software Version 2.5.0



The Qolsys IQ Panel 2+ is a 7" (17.8cm) touchscreen built with an Android operating system, providing full security and smart home functionality in an easy to use interface.

SPECIFICATIONS



Items	Parameters	IQ Panel 2
Platform	Android OS	Android 5.1
LCD Display	Size	7" (~17.8 cm)LCD
	Resolution	1280 x 800
	Brightness	300 cd/m2
	RGB	24bit
Touchscreen	Type	Capacitive glass multi-touch
User Codes*	Up to 242	Role based (Dealer, Installer, Master, User, Guest, Duress). For EN50131 certified installations use only 6 digits codes, up to 999.998 combinations of codes available. Codes disallowed: 000000 and 000001.
Wireless	WiFi	Wi-Fi 802.11 a/b/g/n/ac 2.4ghz - including built-in router capability
	Z-Wave	Supports up to 152 devices (80 lights, 15 Smart Sockets, 20 Locks, 10 Thermostats, 21 Misc, 6 Garage Doors)
	Cellular	LTE (Bands 1, 8, 20)
	Security R/F	Up to 128 RF Zones (PowerG 868MHz)
Flash Memory	Internal Storage	12GB NAND Flash
SD Card Slot	Push-Push	Micro SD slot x 1

*Note: User interface is disabled for 90s after 5 invalid code entries have been made.

SPECIFICATIONS



Items	Parameters	IQ Panel 2
LED Indicator	Status LED	Green (Disarmed), Red (Armed). Note: not enabled for EN50131 certified systems
Speaker	Stereo 1W x 2	Stereo speakers (unified audio)
Camera	Front Camera	5MP fixed focus
Microphone	Microphone	Stereo microphones x 2
Siren	Piezo	SPL minimum 85dB. Type Z as per EN50131-4: internal, self-powered
Tamper	Tamper Switch	Reporting tamper release button
Battery	Type	3.8v Lithium Polymer 1715 mAh. Low battery threshold: 3.5V and 10% indication for battery capacity
Buttons	Standby	Right side button used for sleep/wake, hard reboot, and clean screen cancel
Mechanical	Dimension	5"H x 7.75"W x .75"D (195mm x 130mm x 23mm)
Mechanical	Weight	0.4 kg
Power Supply	AC/DC External Plug-in Adapter	Output: 7vDC 1A, Input 230VAC -10%/+15% /0.7A/50Hz (for CE/EN Certified Systems). Current consumption during set & unset procedure: 340mA; quiescent current: 125mA; max current in alarm mode: 1078mA. Control Panel and power supply are suitable for installation only within the protected premises.
Standby Time		12 h. (Battery recharge time (up to 80% of capacity): 72 h. Energy level of battery in its charged state is 100%.)
Mount	Back Plate	Wall mount or table top (stand included). For EN50131 certified systems only wall mount is allowed.
Environment		Altitude: Min 0 m to Max 2000m Humidity range: 20% RH to 93% RH (non-condensing) Operating Ambient Temperature: Min -10°C to Max 40°C Storage Ambient Temperature: in -10°C to Max 55°C EN50130-5 Class I - Indoor ordinary location

SUPPORTED POWER-G SENSORS



Detector Type	Model
Ceiling Mount Detector	MP-862/MP-872 / PG8862/PG8872 / BW-862
Door/Window	MC-302E / PG8945 / BW-MCN
Door/Window - Shock Sensor	SD-304 / PG8935 / BW-SHK
Dual Tech (PIR+Microwave) Motion Detector	Tower-32 AM / PG8984(P) / BW-DTM
Flood Detector	FLD-550(1) / PG8985 / BW-FLD
Glassbreak Detector	GB-502 / PG8922 / BW-GBD
Keyfobs	KF-234/KF-235/PB-101/PB-102 / PG8929/PG8939/PG8938/PG8949 / BW-RCH/BW-PB1/BW-PB2 Note: AES128 encryption used, Over 1.000.000 combinations of unique identification codes available.
Keypads	KP-241 / WK241 / WS9LCDWF8 / BW-241
Outdoor Motion Detector	Tower-20 AM PG2/Tower Cam PG2/MP-902 / PG8994/PG8944/PG8902 / BW-OTD / BW-ODC / BW-902
Outdoor Magnetic Contact	MC-312 / PG8312 / BW-312
PIR Motion Detector	MP-802/Tower-30 AM/NEXT CAM (K9)/CLIP PG2 / PG8914/PG8974(P)/PG8934(P)/PG8924 / BW-802/BW-IRC/BW-IPC/BW-IRT
Sirens	SR-720B/SR-740/SR-740 HEX / PG8901 BATT/PG8911A BATT/PG8911B BATT/ BW-SRI/BW-SRO
Smoke Detector	SMD-429 / PG8936 / BW-SMD
Temperature Sensor	TMD-560 / PG8905 / BW-TMD
Wireless CO Detector	GSD-442 / PG8913
Wireless Repeater	RP-600 / PG8920EU / BW-REP
Vanishing Door/Window Contact	MC-303 / PG8303 / BW-303