



Silmar ELECTRONICS IQ Panel 4 7 Inch Touchscreen Built with Built-In Camera Installation Guide

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SPECIFICATIONS

Items	Parameters	IQ Panel 4
Platform	Android OS	Android 9
LCD Display	Size	7" LCD
	Resolution	1280 x 800 pixels
	Brightness	300 cd/m2
	RGB Color	24bit, 16.9 million colors
Processor	8 Core	Qualcomm Snapdragon 8 Core SOM (System On a Module) with 16 GB of NAND Flash
Touchscreen	Type	Capacitive glass multi-touch
User Codes	Up to 242	Role based (Dealer, Installer, Master, User, Guest, Duress)
Network	WiFi	Wi-Fi 802.11 a/b/g/n/ac dual band 2.4/5ghz – including built-in router capability
	Cellular	LTE CAT4 (Bands 2/25, 4/66, 5/26, 7, 12/17, 13, 14 (non-First Net)
Z-Wave Plus 700	Up to 137 Devices	137 total devices (80 lights, 20 Locks, 10 Thermostats, 21 Misc, 6 Garage Doors)
PowerG	Up to 128 devices	915 MHz, long range, secure encrypted two-way wireless
Security RF		Depending on the model; either S-Line encrypted 319.5MHz, 345MHz or 433MHz
Bluetooth	Disarming, Audio Streaming	Qualcomm Bluetooth Low Energy (BLE) 4.2
Flash Memory	Internal Storage	16GB NAND Flash

Items	Parameters	IQ Panel 4
LED Indicator	Status LED	Green (Disarmed), Red (Armed), Triple full color RGB LED
Speakers/Siren	4w x 4	QuadSound 4x Front Facing 4watt speakers and 85dB siren
Camera	Front Camera	8MP wide angle 120° field of view, fixed focus camera with FlexTilt adjustment
Microphone	MEMs x 3	3 MEMs (micro electro mechanical system) Microphones with echo cancellation
Tamper	Tamper Switch	Dual Panel and wall tamper switch with spring release
Battery	Type 18650	Lithium Ion 3000mAh. Ningbo Veken Battery Co., Ltd, Model VT27 or Icon Energy System Co. Ltd, Model IAN034NA
Buttons	Hard Button	Single wake/sleep button used for sleep/wake, hard reboot, and screen cancel
Mechanical	Dimension	6.1"H x 7.5"W x 1"D (155mm x 191mm x 26mm)
Power Supply	AC/DC External Plug-in Adapter	Output: 7vDC 1000mA CC, Input 100-240VAC 50/60Hz. Adapter evaluated at 120vAC for UL/cUL
Mount	Back Plate	SmartMount wall mount included. SmartMount table stand or SmartMount IQ Base table stand with built-in subwoofer sold separately.
Certification	UL/cUL/ULC	UL/cUL Residential Fire and Burglary and UL/ULC Commercial Burglary Alarm Control Unit. Compliant with standards: UL985, UL1023, UL2610, ULC-S545, ULC-S304
	FCC	2AAJXQS-IQP4 (may contain additional modules with separate FCC ID's)
	IC	11205A-QSIQP4
	IFETEL	ANCE Certificado No.: Reserved
Temperature	Operational	0 to 49C, up to 93% relative humidity, indoor, dry ordinary locations use only
	Storage	-20 to 50C

SUPPORTED S-LINE SENSORS

Detector Type	Model
IQ Door/Window-S	QS1133-840UL, (UL Listed M/N: 60-362N-10-319.5), QS1135-840, QS1136-840, QS1137-840
IQ Motion-S	QS1230-840UL, (UL Listed M/N: 60-639-95R), QS1231-840
IQ Glass-S	QS1431-840UL, (UL Listed M/N: IQ Glass-S)
IQ Smoke	QS5110-840UL
IQ CO	QS5210-840UL
Keyfobs	QS1331-840
Tilt Sensor	QS1131-840
Flood Detector	QS5536-840
Temperature Sensor	QS5535-840
IQ Hardwire 16-F	QS7133-840UL

NOTE: UL indicates that the device is certified to UL standards. These devices are not suitable for UL Commercial Burg applications.


SUPPORTED POWER-G SENSORS

Detector Type	Model
Door/Window	PG9945UL RF/CB , PG9307UL RB, PG9309, PG9312UL CB
Door/Window – Shock Sensor	PG9935UL CB
Dual Tech (PIR+Microwave) Motion Detector	PG9984(P)UL CB
Glassbreak Detector	PG9922UL CB
Heat Detector	PG9936HUL RF
Keyfobs	PG9929, PG9939, PG9949, PG9938UL CB
Outdoor Motion Detector	PG9902, PG9974(P), PG9994(P)UL CB
PIR Motion Detector	PG9904(P), PG9914, PG9924, PG9862, PG9872UL CB
PIR Motion Detectors with Camera	PG9934(P), PG9944UL CB
Sirens	PG9901UL RF/RB, PG9911UL RF/RB
Smoke Detector	PG9936UL RF
Wireless CO Detector	PG9933UL RF
Wireless Repeater	PG9920UL CB
Vanishing Door/Window Contact	PG9303UL CB, PG9975UL RB
PowerG Wired to Wireless Converter (Supervisory window must be set to 200 sec when used with Fire and/or CO devices)	PG9WLSHW8UL RFB CB

NOTE: Only the PowerG sensors marked with UL CB in the table above shall be used in UL/ULC Residential and Commercial Burg (UL2610/ULC-S304 Security Level I-II) listed installations. Devices marked with UL RB in the table above shall be used only in UL/ULC Residential Burg (UL1023/ULC-S304 Security Level I) listed installations. Devices marked with UL RF in the table above can be used in UL/ULC Residential Fire (UL985/ULC-S545) listed installations.

Conforms to UL Std. S985, 1023. & 2610 Certified to ULC Sub C1023 & ULC Std S545 Qolsys Inc. proprietary. Reproduction without permission is not permitted.

Documents / Resources

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