

Description

The XT-IP620 control panel is a wireless, battery operated, hybrid alarm system. It is designed for residential, small business security applications where the location of the panel has an Ethernet (IP) connection.

Features

The panel includes the choice of many different configuration options including the following:

- > Arming by Videofied Peripherals, Schedule, Virtual Keypad, or existing alarm system.
- > Power the system by Power Supply + Battery Backup.
- > Communicate over Ethernet Only.
- > 25 wireless zones for Videofied Peripherals plus 3 Programmable input zones for hardwired devices.
- > Choose between the Internal RF antenna or switch to an External RF antenna option.
- > 2 Hardwired outputs.
- > Virtual Keypad arming and disarming from Smartphone.

Supervised Wireless Technology

The XT-IP620, along with all Videofied devices, utilize patented S2View® - Spread Spectrum, AES Encrypted Wireless technology, providing optimum signal integrity and security. Bi-directional RF communication paths between all system devices and the system control panel assure high signal reliability. Integrated RF connections allow for addition of external antenna for increased performance.

The panel supervises every device (excluding the remote keyfob) to validate current open/close state, tamper condition, serial number, date of manufacture, firmware revision, and battery status.



*** When using the XT-IP620 panel you must use the 12v 2A Power Supply with 4 Alkaline battery backup (PP4)***

Control Panel Videofied XT-IP620

Compatibility The XT-IP620 works with all the following Videofied wireless devices:



Indoor MotionViewer - integrated PIR motion detector, night vision digital camera, infrared illuminators. MotionViewers detect intruders and capture a 10 second video of the intrusion which is sent to the panel over RF.



Outdoor Badge Reader with Prox-Tag - Allowing Arming/disarming of the system from outside the premises. The Prox-Tags are standard Mifare badges.



Door Contacts - detect door and window open/close activity. An external input allows a wired connection from standard security switches and detection devices outputs.



Outdoor MotionViewer - integrated PIR motion detector, night vision digital camera, infrared illuminators. MotionViewers detect intruders and capture a 10 second video of the intrusion which is sent to the panel over RF.



Interior Sirens - provide status beeps and alarm sounds throughout the premises where needed.



Exterior Sirens/Strobes - provide alarm sounds and visual identification of alarm site for responding authorities.



Remote Keyfobs - allow limited system operation and panic alarm capability in a portable, convenient package.



Keypads - For arming/disarming, programming, and maintenance.

Features

- > Up to 25 Wireless zones/devices
- > Mapping feature to trigger a video upon activation of a programmable input
- > 2 Arming inputs
- > 3 programmable inputs
- > 2 programmable outputs to activate third party devices on site (smoke cloak, gates, strobes, sirens, etc...)
- > 1 dedicated on-board connector to extend radio coverage
- > 4 Areas with 2 special arming modes and partitions
- > 20 user codes or Badges
- > 4.000 Events history log
- > Power : 12VDC with Alkaline batteries for back-up (up to one month of back-up)
- > Built-in RJ45 for Ethernet transmission to report to your Monitoring Station in the Frontel protocol

Electrical Data

Power Requirements:

Back up	12v DC / 2A
Battery	4 Alkaline 1.5v DCell, LR20
Battery life (estimated)	Up to 1 year

RF Technology:

Radio type	S2View®
Radio type	Spread Spectrum Bidirectional
Operating frequency	915 MHz. (US)
Transmission security	AES encryption algorithm
Supervision	Panel polls devices every 8 minutes
Antenna	Integrated

Tamper:

Base and Cover Tamper

Wired Arming Inputs:

Dry Contact option	2
Dry Contact option	Yes
Inputs Voltage	2VDC (15v max)
Inputs Current	2 mA max

Programmable Wired Inputs:

Dry Contact	3
Dry Contact	Yes
Inputs voltage	12VDC (15v max)

Programmable Wired Outputs:

Max switching voltage	2
Max switching voltage	220VDC / 250VAC
Max switching current	4A
Max switching power	120VA

Programming:

Alphanumeric Keypads
or Frontel Installer Software

Devices per system:

24 per system + Programming/Maint. Keypad

Access Codes

19 maximum + Installer Code

Security Levels

3

Arming modes

2

Areas:

4 (area1 predefined from factory
entry/exit delayed. Areas 2,3 & 4 programmable)

Communication Formats

Ethernet

Protocols

Frontel Only

Installer Codes

One (for system programming/maint. only)

Special arming modes

4 (Area 1 predefined)

Communication Formats

IP

Communicator type

Ethernet

IP Stack

IP, TCP/IP

Remote Maintenance

Frontel Installer Protocol only

Video Transmission

By Frontel protocol to

Central Monitoring Station

History/Event Log

4,000 Stored events

Physical Data

Operating temperature

14° to 104° F (-10 to +40° C)

Maximum relative humidity

95%, non-condensing

Material

ABS-ULVO

Dimensions:

(LxWxD) 9" x 7" x 2-1/16"

22.86 x 17.78 x 5.48cm

Installation/Mounting

Control Panel/Base:

Two screws secures control panel
cover to base. Three screws
secure control panel base to wall

External Antenna:

Built in MMCX connector to extend the RF range

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI VideoTechnologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.



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