

Electrical Data

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| Power requirements (Option 1) | 12V DC / 2A |
| Back up | 4 Alkaline 1.5V, D size, LR20 |
| Battery life | 1 year |
| Power requirements (Option 2) | 4 SAFT LSH 20 Batteries |
| Battery life | 4 years |
| RF technology | S ² View® |
| Radio type | Spread Spectrum Bidirectional RF |
| Operating frequency | 868/915/920 MHz |
| Transmission security | AES algorithm encryption |
| Radio jam detection | Yes |
| Supervision | Yes |
| Antenna | Embedded or External |
| Tamper detection | Wall and cover tamper detection |
| Programmable Wired Inputs | 3 |
| Programmable Wired Outputs | 2 |
| Arming Wired Inputs | 2 |
| Dry contact option | Yes |
| Inputs voltage | 12VDC (15V max) |
| Inputs current | 3 mA max |
| Programmable Wired Inputs | 3 |
| Dry contact | Yes |
| Inputs voltage | 12VDC (15V max) |
| Programmable Wired Outputs | 2 |
| Max switching voltage | 220VDC / 250VAC |
| Max switching current | 4A |
| Max switching power | 120VA |
| Programming | Alphanumeric Keypads or Frontel remote control Software |
| Devices per system | 25 per system |
| Access codes | 20 maximum |
| Installer codes | One (for system programming only) |
| Security levels | 3 |
| Arming modes : | 2 |
| Special arming modes | 4 (Area 1 predefined from factory for entry/exit delay. Areas 2, 3, & 4 programmable.) |
| Communication formats | GPRS |
| Protocols | Frontel |

Electrical Data

| | |
|---------------------------|--|
| Communication formats | IP |
| Communicator type | GPRS and GSM cell |
| IP stack | IP, TCP/IP |
| Remote maintenance | Frontel Downloader protocol only |
| Video transmission | By Frontel protocol to central monitoring station |
| Video format | MPEG video file |
| Video file size | 220 Kbytes |
| Video framing | 5 frames/second |
| Image format | JPEG |
| Image size | 320 x 240 pixels |
| History/Event Log | 4,000 events stored in flash memory |
| Operating temperature | 0°/+40°C (32°/104°F) |
| Maximum relative humidity | 70%, non-condensing |
| Approvals pending | CE / EN50131 / EN300220 / IDA / NCP (Europe) CP-01 / UL / FCC (USA) A-Tick (Australia) |

Physical Data

| | |
|------------|--|
| Material | ABS-ULVO |
| Dimensions | 225 mm x 180 mm x 55mm (LxWxD):9in. x 7in. x 2-1/6in. |
| Weight | 520gr (without batteries) / 1600gr (with batteries) |

Installation/Mounting

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|--------------------|---|
| Control Panel/Base | Two screw secures control panel cover to base; Three screws secure control panel base to the wall |
| External antennas | 2 built-in MMCX connectors to extend the GPRS and RF range |

Description

The **XT control panel** is a Videofied wireless, battery operated hybrid alarm system. It is designed for residential and small business security applications, as well as both indoor and outdoor commercial applications (construction sites, cell tower, remote sites, substations...).

XT can be used as a standalone alarm system or can be integrated into an existing alarms system as an upgrade to Videofied features and technology.

XT has programmable inputs and outputs (outputs available Q1 2011). Programmable inputs and certain event types can be configured to capture video from a MotionViewer device using the mapping feature.

The control panel has two easy to access external connectors for upgrading GPRS and RF antenna connections.

Supervised Wireless Technology

The XT GPRS, along with all Videofied devices utilize patented S2View® - Spread Spectrum, Videofied, Interactive, 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 antennas eliminate protruding wires or rods cumbersome to install and unsightly to consumers, and if damaged could lead to potential system communication problems.

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.

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Control Panel Videofied XT GPRS

Compatibility The XT GPRS 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.



Smoke Sensor - enhances protection and uses advanced detection technology. The Smoke Sensor is totally wireless and an integrated addition the whole security system.



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

Features

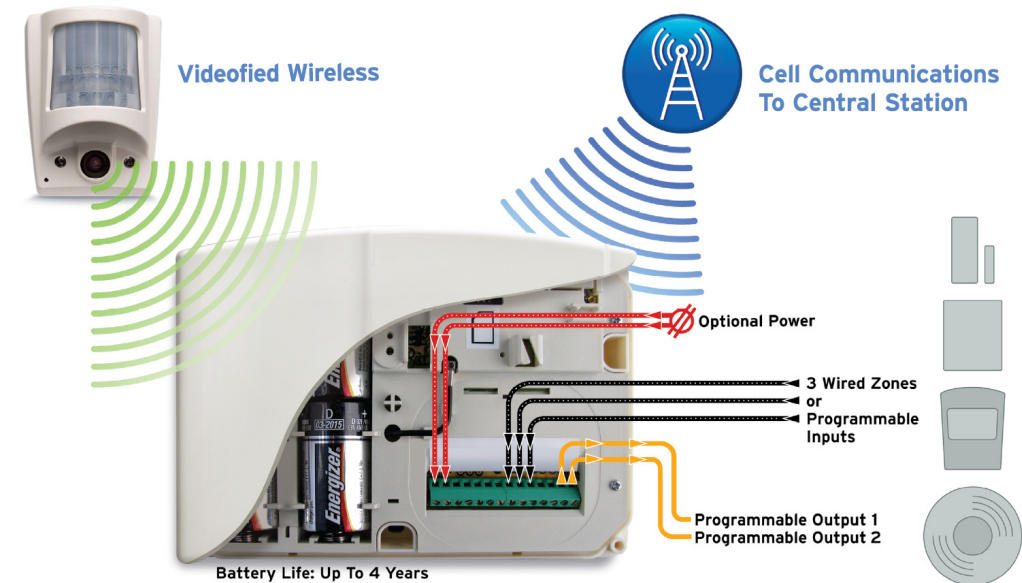
- > Video Verification - video resolution of 320 x 240 pixels, 0 lux sensitivity, 5-frames per second for approx. 10 seconds total recording time. 220K MPEG file.
- > Up to 25 Wireless zones/devices
- > Mapping feature to trigger a video upon activation of an event or third party devices
 - > Panic Alarm Video verification
 - > Smoke Alarm Video verification
- > 3 programmable inputs for GPRS cell-back-up
- > 2 programmable outputs (outputs available Q1 2011) to activate third party devices on site (smoke cloak, gates, lights, strobes, sirens, etc...)
- > 2 dedicated on-board connectors to extend the GPRS coverage and the radio coverage
- > 4 Areas with 2 special arming mode and partitions
- > 20 user codes or Badges
- > On site configuration/Programming with the Keypad
- > 4.000 Events history log
- > Multiple power option, 12VDC with Alkaline batteries for back-up to 1 year or Lithium Batteries only for up to 4 years
- > Built-in GPRS transmitter to report to your Monitoring Station via the Frontel protocol

TECHNICAL SPECIFICATIONS

Stand-Alone Mode

In this Mode, the XT control panel works as standard hybrid alarm system with 25 wireless Videofied devices, 3 programmable Inputs and 2 programmable outputs (outputs available Q1 2011).

It is a full stand-alone alarm system.



XTender Mode

In this Mode, the XT control panel works as an extension of your existing alarm system. It will enhance it to Videofied for video verification and can also work as a GPRS cell- back-up.

