

Electrical Data

Power requirements necessary

(in case of Ethernet transmission)

	12V DC / 2A
Back-up	4 Alkaline 1.5V, D size, LR20
Back-up battery life	1 month
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	2
Programmable Wired Outputs	1
Programmable Wired Inputs	2
Dry contact	Yes
Inputs voltage	12VDC (15V max)
Programmable Wired Outputs	1
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 format (option 1)	Ethernet, GPRS back-up GSM for two way voice
Communication format (option 2)	GPRS only GSM for two way voice

Electrical Data

Communication formats	IP
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—ULV0
Dimensions	225 mm x 180 mm x 55 mm (LxWxD):9in. x 7in. x 2-1/6in.
Weight	530gr (without batteries) / 1600gr (with batteries)

Installation/Mounting

Control Panel/Base	Two screw secures control panel cover to base; Three screws secure control panel base to the wall
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Description

The **XV-IP control panel** is a Videofied wireless, battery operated hybrid alarm system. It is designed for residential and small business security applications or commercial applications like warehouses and places with internet service.

XV-IP Features:

- programmable inputs and outputs and have a mapping function that allows you to trigger a video from a Videofied Motion Viewer upon any event.
- two dedicated connectors to extend the GPRS and Radio range.
- two wired speaker-mic for full-duplex two-way voice audio verification.

Security

With the two modes of transmission, Ethernet and GPRS, the XV-IP panel ensure maximum safety. In case of Ethernet connection loss, the XV-IP panel will switch immediately to GPRS to transmit alarms and videos.

Supervised Wireless Technology

The XV-IP, 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.



Compatibility The XV-IP 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
- > 2 programmable inputs
- > 1 programmable output to activate third party devices on site (smoke cloak, gates, 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
- > 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 via the Frontel protocol
- > Built-in GPRS transmitter to report to your Monitoring Station via the Frontel protocol

Typical Installation

The XV-IP includes all the benefits of the Videofied range of products, adding the possibility to transmit via an Ethernet connector (RJ45). In case of Ethernet problem transmission, the panel will switch to GPRS transmission.

The powerful speaker allows you to do a voice challenge verification on site and gives extreme confidence of the product to the end user.

The XV-IP panel gives the possibility to confirm simultaneously video (via Ethernet) and voice verification (via GSM).

The programming customization can give you many combinations of video, voice, inputs and outputs to match all of your customers' needs.

