



MASON MONITORING, INC.

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Videofied FAQ's

What Is Videofied?

Videofied is a totally wireless, self powered alarm system that sends video verification with all alarm events to the monitoring centre. By integrating technology that was originally developed for military applications, every monitoring centre now has the ability to verify all alarms. Videofied can operate as a complete stand alone system or as a piggy-back to any existing alarm system. Also of extreme importance is the fact that video verified alarms are treated as a crime-in-progress rather than a general alarm.

Installation?

Fast, simple and dust-free installation – because every device is wireless and there is no A/C connection anywhere. No drilling, no wires, no hassle. The keypad is the only programming and installation tool needed. Even the video can be “tuned” without a PC, simply using the “verify detection” to point the camera where it is needed.

Device to Control Panel Range?

300 Metres “LINE OF SITE”. 75 Metres between buildings (through walls). A site test should be carried out to ensure correct operation.

Wireless Communication?

Military-grade radio transmission! Every device is a radio transceiver with bi-directional communication between the device and the panel. A powerful 128 bit AES encryption system and 4 channel 920MHz spread spectrum means that Videofied delivers incredible range and immunity to interference.

Privacy?

No alarm/No camera. The camera is ONLY activated during an alarm. This is one reason that the batteries last 4 years. Videofied does not allow “peeking” or remote “look-in” except during an alarm. Security does not need to compromise privacy.

Pet Immune?

Pets are no problem. Videofied has a special “pet immune” P-Cam that ignores pets under 44 pounds. RSIalarm™ motion sensors consist of a passive infrared detector with a built-in RF transmitter.

- Heat signatures are digitally analyzed for quick, accurate detection, even in difficult environments such as down hallways. On-board DSP analysis helps eliminate false triggers due to pets or central heating.
- Pet-immune version ignores the movement of objects under 40 lbs.

How does it work?

The Camera synchronizes the field view of the motion sensor and the camera. The Camera sees what triggered the motion sensor and send it to the Central Station. The RSIalarm™ solution centers around this small, unobtrusive device. It integrates an advanced digital infrared motion detector with a sophisticated digital video camera and infrared illuminators. When armed, the motion sensor detects any movement. This activates the camera which takes 200K of video (approximately 10 seconds, dynamically compressed at the camera).

The Camera?



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This battery powered device is the heart of the system. A 0.2 lux night vision camera using integrated infrared illuminators gives true night vision. This digital camera is integrated into an infrared motion sensor. The entire device is small, wireless and aesthetically pleasing.

The Network?

Videofied communicates exclusively through the Surepoll Wireless (GPRS) private network. Surepoll Wireless is a private network that is used solely for alarm systems and ensures speed of transmission, reliability and redundancy. The Surepoll Wireless network is also supported 24/7 by the Suretek Data Centre. Videofied offers several communication path options – PSTN, Surepoll Wireless (GPRS) and Ethernet, although the Surepoll Wireless network is the preferred communication path; it is dedicated to alarm transmission systems and does not suffer from public network related congestion and other related problems. Sending video images wireless requires a network that operates at optimum levels. During testing by Videofied, Surepoll Wireless outperformed every network tested. To assist with ease of installation, every panel comes preconfigured with a Surepoll Wireless SIM card and is easily activated upon request.

Other Features?

Other features of the videofied solution include a panic device, outdoor P-CAM and coming soon, smoke alarm devices.

Communication Plans & Options?

Several plans are available for each communication path. These range from daily test calls right up to 10 second polling that meets AS2201.5 Class5.