



wireless video security systems

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# RSI VIDEO TECHNOLOGIES, an innovative company

## Culture and value

RSI VIDEO TECHNOLOGIES develops innovative wireless self-powered solutions to resolve security problems for commercial, residential and government applications. Our patented security products are installed across the world - Europe, Africa, North America, Asia and Australia.

## **Expertise**

Engineering is based in Strasbourg, France where our team has been developing low-power radio solutions for commercial and government applications for over 20 years. Our wireless security products are proven with over 6 years in the field and more than 100 000 systems installed.

## **Technology**

RSI VIDEO TECHNOLOGIES has developed a range of products securing residential, commercial and difficult outdoor applications such as construction sites and critical infrastructure. RSI VIDEO TECHNOLOGIES integrates cameras, illumination and motion sensors in a single device. We have also developed full compliment of accessories including smoke detectors, sirens, arming devices and sensors that work together seamlessly as a complete security solution.

Multi-path transmission of events over telephone, IP and the cellular network provide reporting flexibility. All system components are self-powered and operate on batteries, allowing for TOTALLY wireless video security – detection, illumination, video capture, transmission.

RSI VIDEO TECHNOLOGIES offers a unique solution to the issue of false alarms and unnecessary dispatch, through video verification.

## Quality

RSI VIDEO TECHNOLOGIES products conform to common certifications









and also international standards for security products including CE agreement (Europe), INCERT (Belgium), EN50131 (Europe), Asia: IDA (Singapore), A-Tick (Australia), USA: UL and FCC.



## Awards and recognition

## Best innovation and intrusion detection winner – ISC West, Las vegas (USA)

The wireless video surveillance system VIDEOFIED™ took Top Honors in the Security Industry Association's New Product Showcase.

This prestigious competition held at the International Security Conference - ISC WEST - gathering the main actors of the security industry in Las Vegas from March 28 - 30, 2007. VIDEOFIED™ was selected among hundreds of innovative products by a jury composed of 21 professionals, representing various segments of the security industry. This award confirms the quality of the VIDEOFIED™ concept that allows everyone to benefit from the state-of-the-art technology in the field of security!







## **Speciality Products Winner**

CANASA ,Toronto (Canada).



#### **Nominations**

IFSEC (UK), SECTECH (Sweden), & Salon des Maires et des Collectivités Locales (France).

# How work VIDEOFIED<sup>™</sup> products?

## An alternative look at security...

The VIDEOFIED<sup>™</sup> concept, with its world-exclusive technologies, marks a true revolution in property protection alarm systems both for the private market (individual house or apartments) and for small businesses (commercial spaces and warehouses, etc.).

Quick and easy to install, and with no wires, the VIDEOFIED<sup>TM</sup> system, lets everyone benefit from the same state-of-the-art technology used by banks, jewelers and shopping malls - at a competitive price.

In the event of a false alarm, confirmed by video, the monitoring station can remotely neutralize the alarm, without bringing in a security team.

In the case of break-ins, the VIDEOFIED $^{TM}$  system relays the visual evidence of the crime to the central monitoring station, allowing law enforcement to act immediately in accordance with the law...

This also makes it a highly effective tool of dissuasion, as no thief wants to be identified on video!

VIDEOFIED<sup>™</sup> took Top Honors of the Security Industry Association's New Product Showcase. This prestigious competition held at the International Security Conference - ISC West - gathering the main actors of the security industry in Las Vegas from 28 till 30 March 2007.

VIDEOFIED<sup>™</sup> was selected among hundred of innovative products by a jury composed of 21 professionals, representing various segments of the security industry.

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## Video confirmation

In many countries around the world now, the law requires visual confirmation of a break-in when an alarm is received by a central monitoring station, before law enforcement can be called in, with risk of a 450€ fine if this is not observed. This measure is meant to avoid unnecessary callouts (more than 95% of alarms triggered are due to improper settings), and especially to increase the efficiency of the police, so that they are only called when it is really necessary.



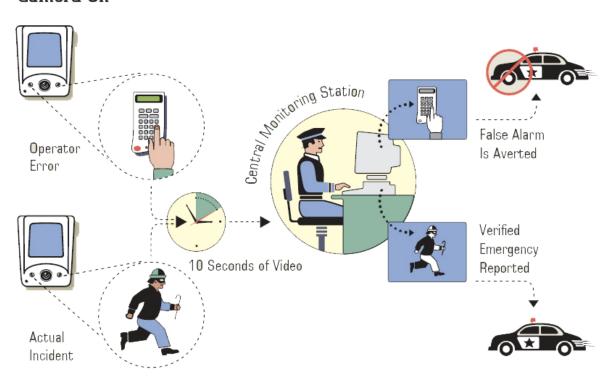


# The VIDEOFIED<sup>™</sup> system guarantees peace of mind and saves the headaches due to false alarms...

## Avoid the inconvenience due to false alarms:

- If, and only if, an alarm is triggered, the wide angle camera records a ten-second video.
- The video footage is simultaneously sent to the monitoring station.
- The monitoring station operators can see the video in real time and be sure that the intrusion is in fact real.
- If an intrusion has taken place, or if there is a real situation of danger, the monitoring station also informs the police who will react at once.

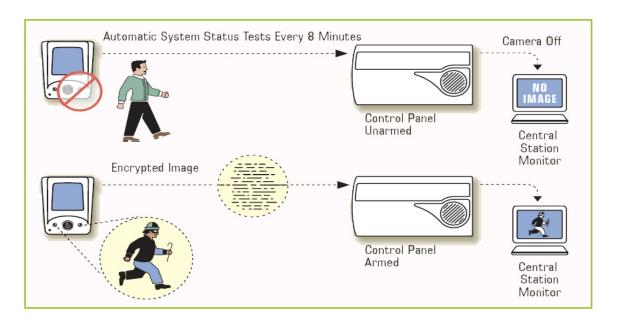
## Camera On





## Respect of Privacy - No alarm -- No camera

VIDEOFIED<sup>™</sup> guarantees security while respecting privacy. The cameras housed in the sensors are only activated when the system is under surveillance and one of the sensors detects a movement. This is one of the main reasons the batteries last 4 years. VIDEOFIED<sup>™</sup> does not allow the telesurveillance operatives to spy on what is happening in people's homes or inside businesses... except in case of alarm!



## Already recognized for its efficiency!

The VIDEOFIED<sup>™</sup> system is already recommended by the largest suppliers of security equipment such as banks and insurance companies and by telesurveillance companies. It has already proved its worth: with a total of 150 000 systems installed to date not a single police callout resulting from a

150,000 systems installed to date, not a single police callout resulting from a false alarm has been reported.

The police reaction time is significantly lower for houses equipped with a  $VIDEOFIED^{TM}$  system.

## An innovative technology

## **Cameras integrated with sensors**

Dispersed throughout the zone to be protected, the VIDEOFIED<sup>TM</sup> system's sensors each have a camera allowing the recording of videos by day and by night with a sensitivity of 0.2 lux, with a PIR (Passive InfraRed) movement sensor. When the sensor is triggered the camera records and compresses the file into MPEG format which is then sent by encrypted radio signal to the main unit. The video alert is simultaneously sent to the monitoring station. As well as being efficient, VIDEOFIED<sup>TM</sup> has the additional advantage of being discreet and taking up little space.



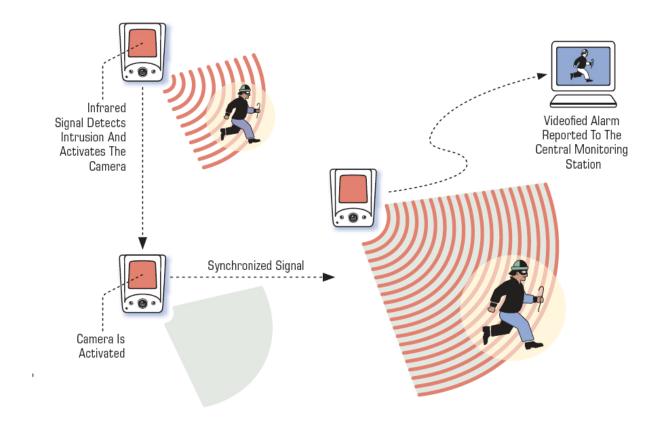
Each sensor communicates with the main unit by a two way radio and is therefore completely independent. They are battery-operated and provide 4 years of service without needing an AC power connection.





## **System synchronization**

## Motion and Field of View Absolutely Synchronized



The camera's field of vision is synchronized with the movement sensor's. When the sensor detects a movement, the camera, which sees exactly what has triggered the sensor, is immediately activated. It then records a ten-second sequence which is instantaneously encrypted and sent to the central station over an encrypted radio link.

# State-of-the-art technologies in the service of security

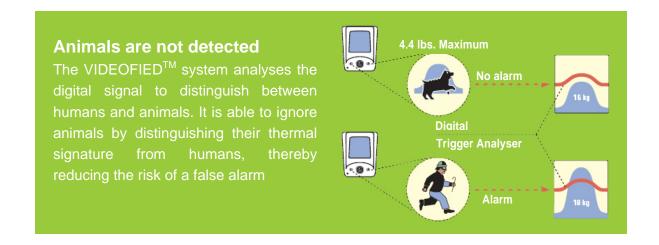
**Wiselink®:** an encrypted wireless system, either bidirectional 868 or 915 Mhz. Transmissions are encrypted with 128-bit AES using the same technology used by the army. The equipment is checked every 8 minutes, regardless of whether it is armed.



**Battery operation:** each system device runs on batteries. Neither the panels nor the devices require an AC power supply.

Alarm reporting to the monitoring station: very simple to install, the main alarm panel consists of a TCP/IP server which communicates with the monitoring station over a normal telephone line via Ethernet. The system can also communicate over GSM/GPRS networks.

Passive infra-red detector/camera/LED integrated into the system: the PIR motion sensor has an ultra modern 0,2 lux video camera and infra-red illuminators for recording in the dark.



# VIDEOFIED<sup>TM</sup>, a complete security system

## System components

The system is modular and wireless, so it can be installed quickly and esthetically. The system works solely with batteries which last four years and it therefore requires minimal maintenance. Suitable for all surface types, the VIDEOFIEDTM system can integrate up to 24 cameras in a single system.

## **VIDEOFIED™**: data processing



The VIDEOFIED<sup>™</sup> panel gathers information from the different sensors and relays it to the monitoring station.

The XTENDER panel adds video security to existing intrusion alarms.



## VIDEOFIED™: detection



The cameras / sensors are distributed over the space to be protected.

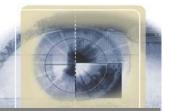
The PIR units are distributed around the space to be protected. There are also detectors and will not detect pets.





The outdoor cameras / sensors are distributed around the outdoor space to be protected.





# www.rsivideotech.com



The smoke detector

The door contacts



 $VIDEOFIED^{TM}$ : arming / disarming



The keypad to partially or fully set or disable the system.

The keyfob for controling the alarm remotely.





The badge reader to control the alarm with a babge.

**VIDEOFIED™**: deterrence and alert



The internal and/or external siren

# **№ VIDEOFIED**<sup>TM</sup> applications

## RESIDENTIAL

Guarantee protection for your house, apartment, residence or other dwellings using the VIDEOFIED™ system.

# Protect your home and deter BEFORE the break-in occurs using the outdoor system!

Today, there is a burglary every 2 minutes, and that's not counting robberies and hold-ups! Don't wait for crooks to break your doors and windows: the VIDEOFIED™ outdoor system protects and deters BEFORE the break-in occurs! If intruders attempt to enter your



property via your garden, balcony, terrace or veranda, the VIDEOFIED™ outdoor cameras will detect their presence, film them and notify your monitoring station of the danger and the reality of the intrusion.

Sirens and outdoor sirens with flashing lights are other deterrence features of the alarm system. By creating a surprise effect, the triggering of the sirens will deter the intruders and alert your neighbors. The siren's powerful flashing light makes it easy to locate the source of the alarm.

## The outdoor VIDEOFIED™ system notifies:

- The monitoring station by sending it a video of the intrusion in real time;
- Law enforcement. As soon as the monitoring station verifies the video, the police are immediately alerted;
- The owner(s) or tenants(s) of the protected site, who are sent the video via e-mail or over GSM via an MMS:
- Neighbors via the outdoor siren and its flashing light; All of this happens BEFORE the break-in occurs!

## Security indoors starts with security outdoors!

VIDEOFIED™ is a security system that provides video confirmation:

- The outdoor cameras protect your terrace, balcony or veranda...
- The indoor cameras protect your home (jewelry, works of art...)

## Protect your home with indoor cameras!

VIDEOFIED<sup>TM</sup> also lets you protect the interior of your home with cameras (with or without pet-detection option), indoor sirens, door and window detectors and smoke detectors.



On detection, the wide-angle camera records a 10 second video. The video is sent to the monitoring station. The monitoring agents can watch the video of the intrusion in real time and verify the incident!

In cases of intrusion or real danger, the monitoring station calls the police.

## COMMERCIAL

Guarantee protection for your car dealerships or repair shops, business premises, municipal offices, schools, cemeteries and any other business site using the VIDEOFIED™ system.

#### Reinforce your outdoor perimeter with VIDEOFIED™ cameras!

44% of break-ins occur at businesses!

Don't wait for crooks to break your doors and windows: the VIDEOFIED™ outdoor system protects and deters BEFORE the break-in occurs!

If intruders attempt to enter your property via your yard, terrace or garden, the VIDEOFIED™ outdoor cameras will detect their presence, film them and notify your monitoring station of the danger and the reality of the intrusion. Sirens and outdoor sirens with flashing lights are other deterrence features of the alarm system. By creating a surprise effect, the triggering of the sirens will deter the intruders and alert your neighbors. The siren's powerful flashing light makes it easy to locate the source of the alarm.

## The outdoor VIDEOFIED™ system alerts:

- The monitoring station by sending it a video of the intrusion in real time;
- Law enforcement. As soon as the monitoring station verifies the video, the police are immediately alerted;
- The owner(s)/managers(s)/director(s) of the protected site, who are sent the video via e-mail or over GSM via an MMS;
- Neighbors via the outdoor siren and its flashing light;

All of this happens BEFORE the break-in occurs!

## Security indoors starts with security outdoors!

VIDEOFIED™ cameras protect the perimeter of your business:

- Outdoor cameras deter intrusion via your yard, terrace, windows and gardens...
- Indoor cameras protect your business premises (computer hardware, vehicles, tools...)

## Protect your business with indoor cameras!

VIDEOFIEDTM also lets you protect the interior of your business premises with cameras, indoor sirens, door and window detectors and smoke detectors.

On detection, the wide-angle camera records a 10 second video. The video is sent to the monitoring station and/or over GSM via an MMS.

The remote monitoring agents can watch the video of the intrusion in real time and verify the incident!

In cases of intrusion or real danger, the monitoring station calls the police.

## **STOP** metal theft!

# Construction site looting is on the rise...

According to a survey conducted in autumn 2007 by the French Building Federation (FFB), 67% of 3,000 companies polled throughout the country declared that they had been the victim of at least one theft.

Today, construction site insurers have seen the number of claims related to theft or acts of vandalism increase from 25% in 2000-2001 to 43% in 2006-2007. This construction site looting affects all types of construction:

- > Public works sites
- > Building construction
- > Communication towers
- > Electrical transformers
- > Seasonal rentals

In addition to this theft and vandalism, there is also indirect damage such as the resulting building site work stoppages

# **Applications**



Air Conditioners



Storage Trailers



Construction Sites



Infrastructure

## Protect your facilities!

VIDEOFIED™ is a wireless security system that allows video confirmation:



- > Outdoor cameras protect your construction sites, equipment...
- > Indoor cameras protect your installed services (pipes or copper cables), your air conditioners...

Our system is designed to surprise looters and stop them before they leave with your assets!

## The alarm system that follows you everywhere!

The system is pre-programmed and can be installed and used immediately. All you need to do is install the devices on the site to be protected. Installation time: 35 minutes. Thanks to wireless technology, you can control the system completely and install it wherever you want.

## VIDEOFIED™, the only system that truly protects your construction sites!

- > Up to 24 cameras per system
- > Battery lifetime: 2 years
- > Indoor and outdoor cameras

## **CONTACT**

## **RSI VIDEO TECHNOLOGIES**

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