

GE
Security

VVMIQ

Intelligent Video Verification

can tell you who's there



> VVMIQ

What can VVMIQ do for you?

VVMIQ is a valuable addition to any Residential or Commercial security system, because it provides visual verification of an alarm condition.

Now, the operator in a Central Monitoring Station can verify the real cause of an alarm and distinguish between an inanimate object, such as an overhead fan, and a real intruder.

Being able to discriminate between false and true alarms increases the efficiency of the Monitoring Station and improves their customer service.

Using remote video verification VVMIQ technology helps reduce costs and creates new opportunities to earn additional revenue.

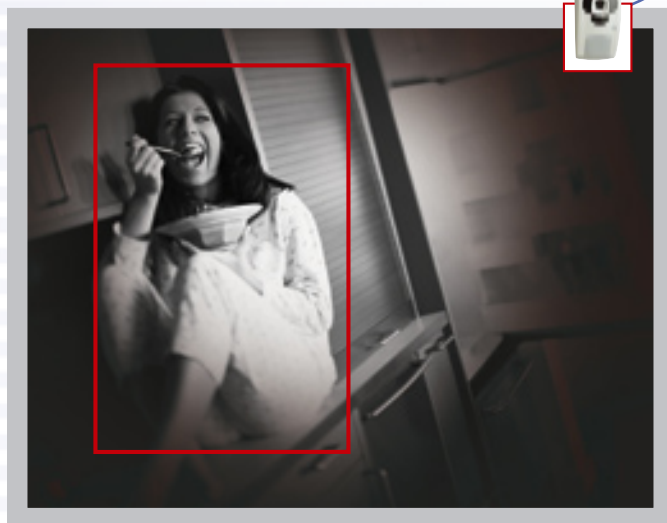
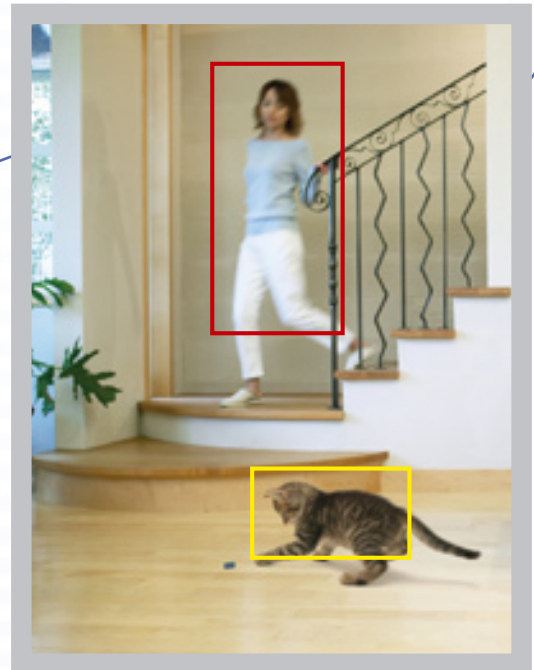
The intelligent solution

VVMIQ is a unique concept, because it integrates all the components you need for highly accurate on-site video verification into one solution. So the system not only lets you know immediately that there has been an intrusion, it also tells you what kind. That's because it uses a PIRCAM, a unique combination of PIR and camera, which can detect the difference between human movement and other motion. When the system spots someone in an unauthorised area, the person is highlighted in a red box for quick identification. Other movement is highlighted in a yellow box. This means that the operator at the remote monitoring station can decide instantly if any further action needs to be taken. VVMIQ can cut false alarms dramatically and reduce unnecessary call-outs.

Even better than this is the fact that VVMIQ embeds its technology into GE Security alarm systems, like the CSX75. The VVMIQ module is a fully integrated system module like any other expander board which makes it a system that's affordable and easy to install. VVMIQ uses secure IP communication via an onboard Ethernet connection or a fully wireless GPRS solution. All events and video clips are transmitted to an OH2000-NETREC IP receiver or MAS (MAStErMind) automation software. This concept makes VVMIQ the most complete and accurate video verification system you can buy.

Unique algorithm makes verification easy with VVMIQ

- Intelligent VideoIQ™ algorithm generates a red box for human movement
- Yellow box identifies other movement
- Suitable for all indoor applications
- Provides on-site verification

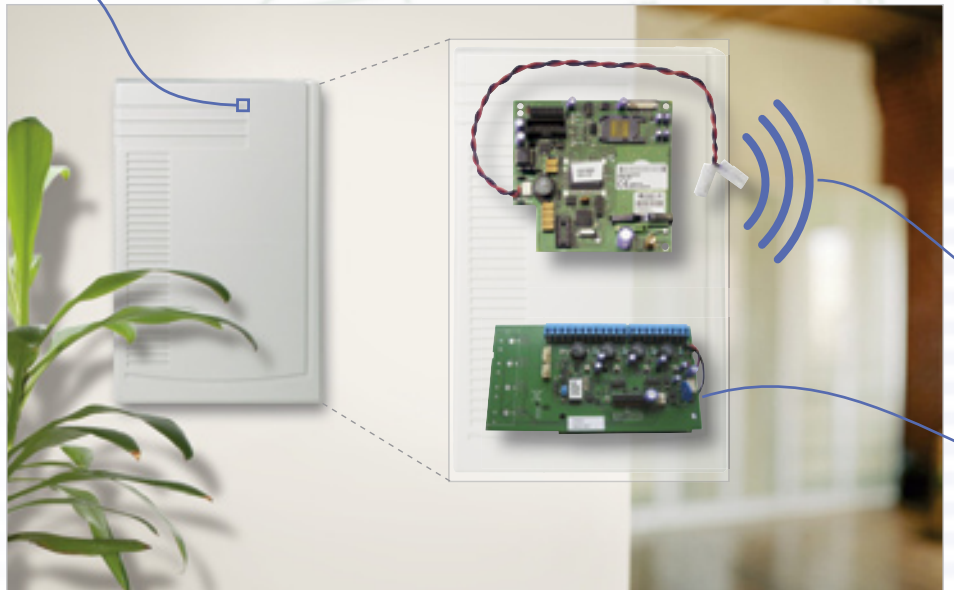
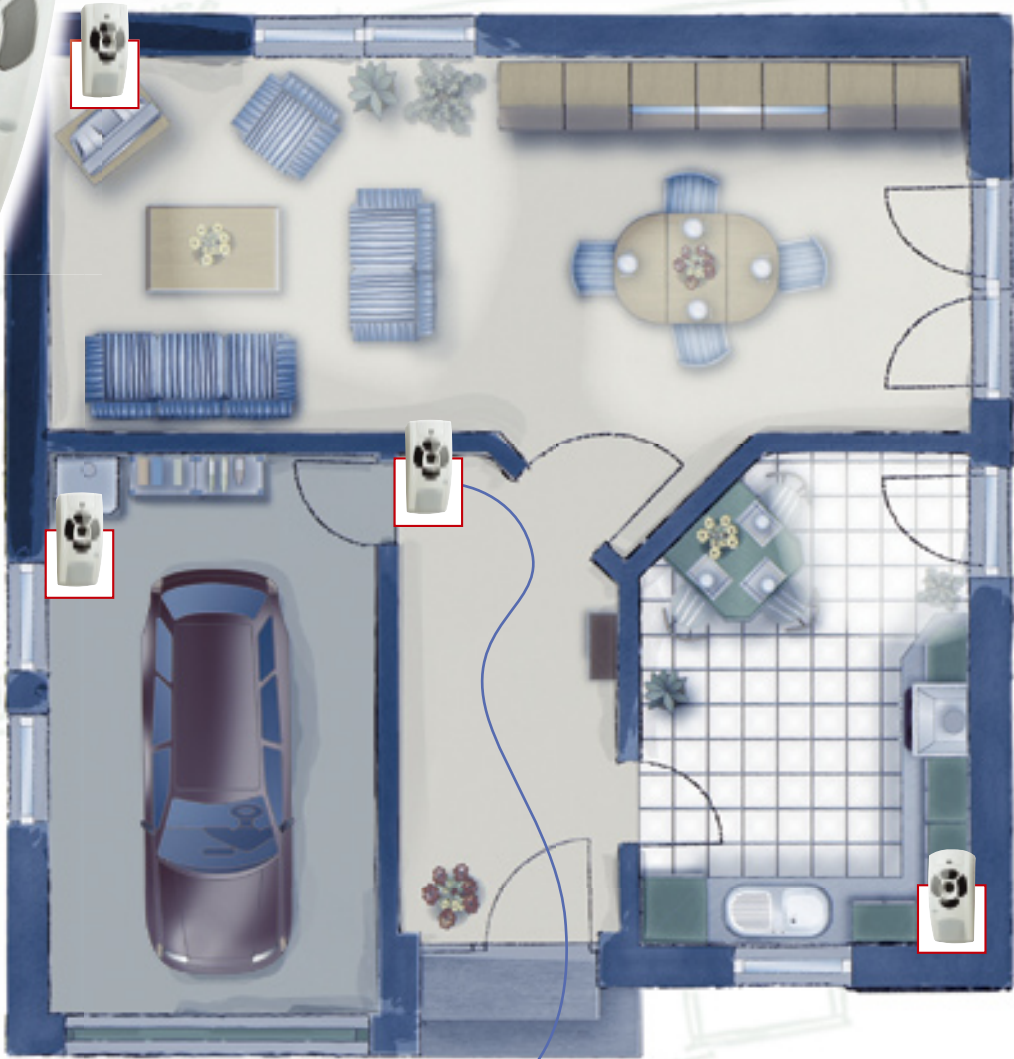


Unique PIRCAM

- Combines PIR sensor and camera
- Connection via twisted pair for easy installation
- Infrared version is optimized for reduced light applications

Alarms triggered by different events

- Special events such as fire or hold-ups can generate multiple clips for up to 255 seconds
- System provides pre- and post-alarm clips (configurable)
- Up to 4 zones or system events can be linked to 1 camera

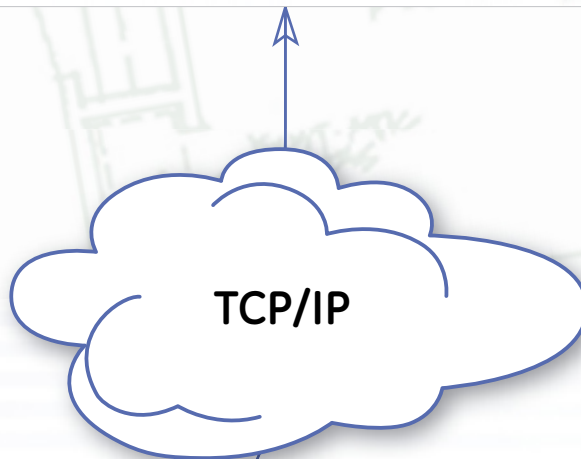


Fully integrates into CSX75 panels

- Module integrates like any other expander module
- Fully compatible with CSX75
- Connects to CS7002 GSM/GPRS module for wireless reporting

End to End solution

- Receiver software is a stand-alone OH2000-NETREC IP receiver, integrated into MAS (MAStErMind) monitoring
- Software Development Kit available for automation software integration
- Prioritised clips



TCP/IP GPRS

TCP/IP ETHERNET

TCP/IP communication

- On-board Ethernet connector for any broadband connection (DHCP)
- GPRS module allows mobile monitoring
- Supervised connection and 3DES encryption for high security

technical specifications

EV100-MS:

PIR motion sensor combined with a monochrome camera

- Minimum illumination : 1 Lux
- Image size : 628 x 582
- Current consumption : 38mA
- Dimensions (W x H x B) : 61 x 123 x 58 (mm)
- Wiring distance : 50 m
- Standard alarm cable



CS9104:

VVMIQ Intelligent Video Verification module

- Onboard ethernet connector
- MPEG4 compression
- ASF files
- Connect up to 4 pircams
- Current consumption: 150 mA
- Output for monitor available



EV100-MSIR:

PIR motion sensor combined with a monochrome camera with Infra-red LED's enabling night vision

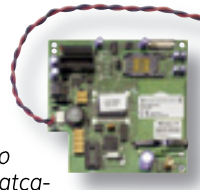
- Minimum illumination : 0 Lux
- Image size : 628 x 582
- Current consumption : 145mA
- Dimensions (W x H x B) : 61 x 123 x 58 (mm)
- Wiring distance : 50 m
- Standard alarm cable



CS7002:

GSM/GPRS reporting module

Needs to be connected to the CS9104 via a serial flatcable when GPRS reporting is used.



EV100-CS:

PIR motion sensor combined with a Colour Camera

- Minimum illumination : 7 Lux
- Image size : 628 x 582
- Current consumption : 32mA
- Dimensions (W x H x B) : 61 x 123 x 58 (mm)
- Wiring distance : 50 m
- Standard alarm cable



OH2000-NETREC:

IP receiver for alarm/video reports

- Integrated into MAS (MAStErMind) automation software
- Available as Software Development Kit for integration with 3rd party monitoring software

Addresses:

www.gesecurity.net

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GE imagination at work

