



Gallery Monitor

GalleryMonitor™ is designed for smaller museums, stately, historic and luxury homes where it is impractical to have a security control room but object protection is needed for to protect exhibits on public display. It utilises a variety of sensor technologies (radio range upto 50m) and allows upto 60 wire free sensors & 7 hard wired. The radio range can be extended by another 50m or so using a Repeater unit. Sensors should be chosen to utilise the technology appropriate for protecting that item e.g. painting, vase, sculpture, display case or fabric. The GalleryMonitor™ Control Box can be pre-set to give each sensor a name and group them into 7 or 8 zones. Output relays correspond to each zone which can link to sounders, pagers or CCTV cameras. In addition GSM & SMS communication is available using the modem or a pager system can be linked via the serial interface. If a sensor alarms because someone has touched the painting say, the system can page a particular person, phone a particular number or send an SMS message.

GalleryMonitor™ once set up works as programmed without the need for any computer. This programme can be changed from time to time either by using the basic input keys and short code, or docking a PC upto the serial port and using the simple Set Up software or it can be re-programmed remotely (from distance) if it has been equipped with a GSM modem and SIM card.

NEW: GalleryMonitor now has a display screen to enable viewing of alarm and supervision status, logs and basic program changes. **AND:** Also climate (temperature and humidity) sensors now available

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Product Specification

GalleryMonitor™ detector/sensors

The most popular detector is triggered either by vibration (magnet option possible). It measures just 79x 39x 9 mm and is battery driven (lifetime upto five years). It is easy to install; it can be placed behind the frame of a painting, in or under a vase, in a display case or somewhere it would be hidden from sight. If the exhibit is touched or moved, the detector will send a wireless signal to the GalleryMonitor control unit (sensitivity adjustable).

The system is extremely flexible. Once the Control Box is installed, the sensors can be moved around as one wishes. Sensor variety - GalleryMonitor™; protection offers many possibilities. It can handle numerous types of detectors:

- Seismic/Magnetic detectors (movement/contact)
- Non-contact detectors (short range i.r.)
- Ultrasound detectors (for display cases)
- Proximity detectors e.g. AntiTouch and Barrier PIR Systems
- Panic/Attack alarms
- Flood Early warning
- InfraRed Beam (Internal or External)
- Temperature and humidity

For more details on the wide range of sensors available with GalleryMonitor [Click here](#)



Pictures: From top left (clockwise) - Seismic sensor - Ultrasound - GalleryMonitor™ control box - PA alarm

User Instructions - GalleryMonitor™

Control Box: Connect the control box to a 12v power source. Mount the control box by screwing it to the wall. It should be mounted vertically, with a height of minimum 2 m. The higher it's placed, the longer range to the detectors/sensors. Make sure that the unit is not hidden behind metal or re-enforced concrete, as this reduces dramatically the distance. The control box should be placed equal distance between the furthest sensors. If the receiving conditions are not good enough, then it could be necessary to place a second receiving box in the room.

Programming: Either Euronova, or if the software is purchased - the user, can programme the sensors by connecting the system to a PC or remotely via the GSM Modem

Pager link: If specified on ordering a pager system can be supplied to ensure alarm information is rapidly communicated to invigilation or security staff.

SMS module (extension possibilities): The GalleryMonitor system is often supplemented with a GSM modem. When an alarm is received, the alarm can be send via an SMS message (or call and pre-recorded message), for example, to a mobile phone. The GSM unit is installed in the factory if ordered. To insert a SIM card into the modem, locate the tray under the GSM aerial, the SIM card will slot in contacts face down (Only do this with the power off). Switch the power on and check that the GSM modem has connection to the GSM network via the SmartPatrol PC program.

UPS (Uninterrupted Power Supply): GalleryMonitor can be connected to an UPS power controller. With an UPS power controller the system will function a number of minutes after a power failure.

Back Up battery: A rechargeable back up battery comes as standard. On power loss the battery enables the system to send an SMS or pager message to alert that power is down.

Hints and Tips

If you are concerned with one or two sensors being out of range switch GalleryMonitor™ onto "sensor supervision" and if they are out of range you will get a message after a period of time.

To extend the range add one (or more) GalleryMonitor™ Repeater units.

Chose the sensors appropriate for the job you require. Contact Euronova if you are unsure.

The software set-up can be done by Euronova. You just monitor the alarm calls and contract Euronova to make the programming changes.