

ONE INTEGRATED SECURITY SYSTEM FOR
ALL BANKING & RETAIL NEEDS

**Galaxy Dimension integrated
access control, intrusion and
seismic security solutions**

A global Honeywell solution...

Honeywell is a global security solutions manufacturer offering retail and banking security solutions in one integrated system with one point of contact for both sales and technical support.

One system meets every need

Honeywell Galaxy Dimension provides you with one integrated solution to manage all your access control, intrusion and seismic security needs for both banking and retail environments. System set up is easy using a single programming platform which is also flexible enough to be adapted to cover many different types of installation.



Ease of use

Use the TouchCenter touchscreen graphical display for simple operation and programming of your fully integrated access control, intrusion and seismic security system. Errors are minimised, reducing engineer callouts and unnecessary disruption.

Business as usual

Disruption to your banking or retail business activities is kept to a minimum using Galaxy's Remote Servicing Suite (RSS) software. Engineer site visits are reduced as maintenance and analysis can be carried out remotely, maintenance can also be scheduled at times and intervals that suit your business needs, ensuring optimum operating performance and reducing costs associated with security guards/personnel. Plus, the software's Remote Routine Inspection tool means that your security manager or Alarm Receiving Centre can provide you with the exact status of your system at any time.

Auto-test takes the burden out of your hands

For end user peace of mind and fewer false alarms, Galaxy Dimension automatically tests all of the seismic sensors connected to the system before the panel can be armed. So each time the end user arms the system, the control panel sends a remote test command to the test transmitter built into the seismic sensors which mimics vibrations it is protecting an object against and activates the alarm. Once the control panel has received alarms from all seismic sensor zones it proceeds with the arming sequence. This removes responsibility for testing the seismic sensors from the end user. If a sensor does not alarm, this is interpreted as a malfunction and the sensor is identified via the keypad and the arming sequence is aborted.

Secure & Flexible Communications

Take advantage of the banking and retail networks you are already using to communicate your alarms to your alarm receiving centre. Galaxy Dimension is fully flexible allowing it to interface with existing network systems. Using IP communications with PSTN backup, not only ensures a secure transmission but also cuts down the cost of communications.

About Honeywell's new Seismic sensor: SC100

Detects all known types of attack

It is important that a seismic sensor can detect all known types of attack. Each type of attack has its own signature which needs to be detected: For example thermic lance and acetylene torch have low level attack signals; drilling, diamond drill, electric cutting disk have medium attack level signals; hammers, chisels and explosions have high level attack signals. The SC100 "recognises" all the signatures of the known attack tools meaning that it will detect them all. With its integral temperature sensor, the SC100 can also trigger an alarm if temperature rises too fast without the need for any other detector to be fitted.

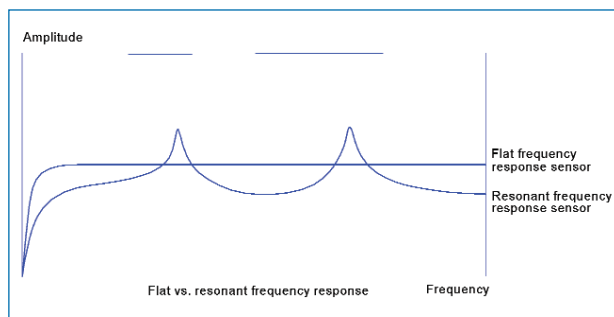
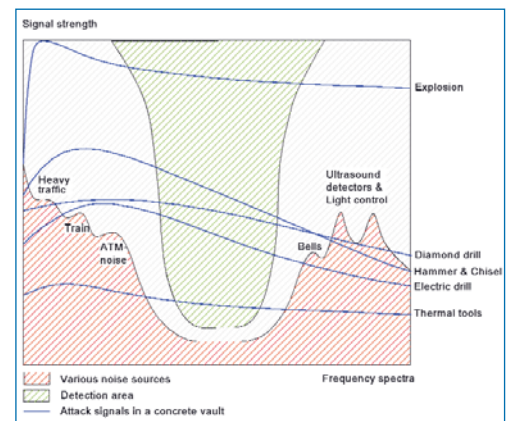
A single universal unit for safes, vaults and ATMs

The SC100 sensor can be used to protect safes and vaults as well as ATMs. A simple dip switch setting allows you to choose between safes/vaults or ATM applications. This is unique in today's market where it is normal to offer several different sensors to cover all these applications. By combining all these applications into one sensor, the SC100 offers the same applications but with fewer products.



Superior detection capabilities

Honeywell Security has developed a totally new seismic sensor featuring innovative new filtering and detection algorithms. These are better at filtering out false alarm sources than has previously been possible whilst at the same time improving the sensitivity to genuine attacks. This has created seismic sensors with superior all-round reliability.



Flat frequency response

Most current seismic detectors rely on piezo sensors with resonance frequency response. This method creates peaks and troughs in the way that the data is interpreted which can lead to both under and over sensitivity. The piezo sensor used in the SC100 gives a true output signal with a flat frequency response which means sounds/vibrations can be digitized & analysed without being deformed first. The advanced signal processing function provides maximum recognition of attacks with maximum rejection of false alarms.

Compatibility for detection upgrade

The Honeywell SC100 Seismic range includes a mounting plate (SC110) which allows the sensor to be screwed inside safes or ATMs using existing pre-drilled mounting holes thus eliminating time consuming drilling of new holes and enabling improved detection capabilities without the need to replace entire systems.

Find out more:

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HSC-SC100-02-EN(0610)SB-E
June 2010

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