

SecureComm & HKC App



HKC Smartphone APP

- Remotely Arm & Disarm alarm system
- Get alarm & other system notifications
- Retrieve log events
- Control outputs
- Virtual keypad available



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Quantum70



Secure your home with **Quantum 70**

Aesthetically pleasing, offering peace of mind
and excellent value for money

Full range of Intruder and Life Safety Devices

Successfully serving the **security industry** for over
two decades

Quantum benefits

Ease of Use: Quantum is a voice annunciated control panel so all messages and activations are notified by voice in addition to the being displayed on the Control Panel's LCD Display screen. Quantum is a complete wireless solution offering a hassle free installation.

Communication: Quantum comes with an on board digital communicator and a GSM/GPRS communicator option is also available (see Securecom below). These devices allow the transmission of both text, voice, and data messages off site to a mobile phone/ smart phone. They will also enable the end user to request event history, check the status of the system, and give the ability to remotely switch on and off the System. The communicators can also send signals to a monitoring centre if required.

User Alerts: Utilising the on board communicator the user can be aware of such things as the status of your system, i.e. who is at home, if a child has not come home at a predetermined time, or what detector has activated.

Life Safety: A full range of life safety devices are available with the Quantum. Smoke, Heat and Carbon Monoxide detectors can be easily installed in key locations. In the event of detection Quantum will annunciate the alarm using on board voice library and immediately sound ALL life safety devices installed. This is particularly important with poisonous gases that cannot be detected by smell or sight. The Carbon Monoxide detector will immediately activate and the control panel will warn of the presence of CO gases and audibly request that the premises be vacated. All such messages can be transmitted off site by the on board communicator.

Portable Panic Device: The RF Key Fob allows the user to set/unset the system from outside the premises. The device can be set to operate with a secure pin user code to prevent unauthorized use. The FOB has an on board panic alert button which will activate the system when pressed.

Intrusion Devices: Quantum comes with a range of intrusion devices that detect attempted or actual intrusion (see opposite page). Devices typically fall into two categories – perimeter and trap. Perimeter devices such as a Contact or Contact Sensor detect an attempted forced entry on a door or window or the breaking of a window. A Motion Sensor will detect the presence of an intruder internally.

The types of protection available

Perimeter Protection: This type of protection comprises a mixture of devices to secure the perimeter of the protected house. Contacts can be fitted to external doors to detect the opening of the door. Contact Sensors, which are a combination of a contact and an inertia (vibration) sensor can be fitted to windows / patio doors to detect forced entry, glass breakage and also the opening of a door or window. The obvious advantage of this type of protection is that detection is normally signaled before an intruder enters the protected premises as opposed to Trap (see below) protection which will only activate when intruders trigger motion sensors when they are on the premises. The Contact Sensor can detect someone trying to pry open a door or window as it measures vibration around where the device is fitted. A key advantage of Perimeter Protection is that the system can be fully armed while you are inside the premises thereby giving you complete peace of mind.

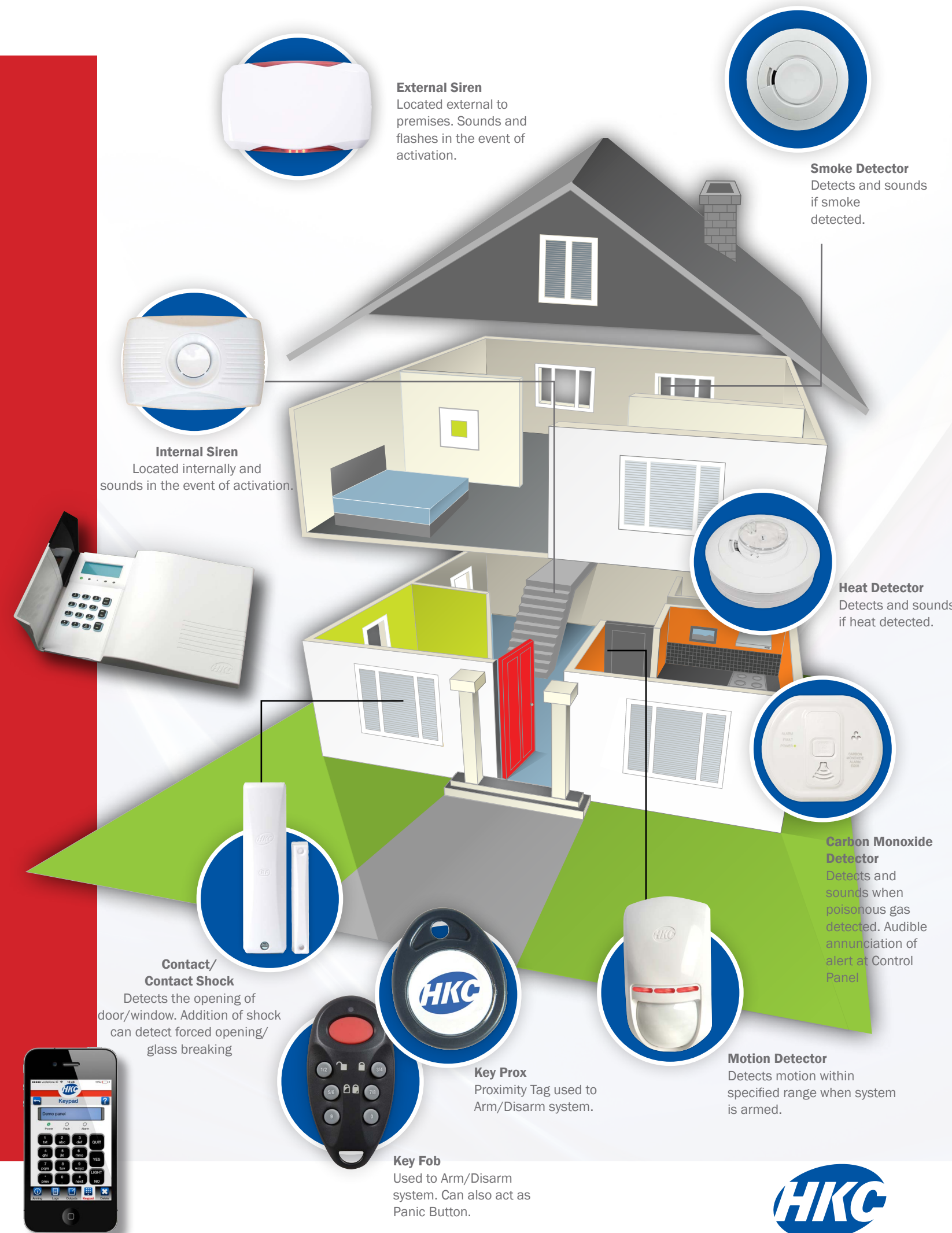
Trap Protection: This type of protection comprises Motion (PIR) sensors within the protected premises to detect movement while the system is armed. This type of protection is ideal for a premises that is unoccupied for periods of time e.g. holiday home, small commercial premises.

Combination: This method combines both perimeter and trap. In this solution the perimeter is protected by a mix of Contact and Contact Sensors covering all vulnerable doors and windows. Internally, strategically located motion sensors will detect and confirm intrusion. The Quantum will allow the user to part set while in the premises and have peace of mind knowing that the perimeter is secure. Once the system is fully armed all internal motion sensors will become fully active. This is usually used when the premises is vacant.

SecureComm: is HKC's cloud based communication service. Download the HKC App and this will enable users to remotely control their security system. This includes arming/disarming, retrieving logs, issuing commands and receiving notifications and alarm messages (both text & audio) from the System. In the event of a loss of communication a notification will be sent to the user(s) Smartphone and/or monitoring centre (if configured).* If the system is set to control other devices such as heating, gates, or lights these can also be controlled using the App.

*Dependent on the Network provider or Router installed at the premises

HKC Quantum Product Range >>



External Siren
Located external to premises. Sounds and flashes in the event of activation.

Smoke Detector
Detects and sounds if smoke detected.

Internal Siren
Located internally and sounds in the event of activation.

Heat Detector
Detects and sounds if heat detected.

Carbon Monoxide Detector
Detects and sounds when poisonous gas detected. Audible annunciation of alert at Control Panel

Motion Detector
Detects motion within specified range when system is armed.

Key Prox
Proximity Tag used to Arm/Disarm system.

Key Fob
Used to Arm/Disarm system. Can also act as Panic Button.

Contact/Contact Shock
Detects the opening of door/window. Addition of shock can detect forced opening/glass breaking

