

Wireless Security System

Have you ever watched a horror film where the villain snips the wires to a telephone or home alarm? The scariest part is realizing that, despite your home's security system, it could happen to you. In order to truly protect your home and family against the threat of break-ins, you need to invest in a wireless security system.

A wireless home security system is a burglar alarm that does not use wires to transmit messages; instead it uses radio waves to communicate. This leaves the burglar or the intruder clueless, who does not know which wires to cut to deactivate the alarm.

There are two kinds of wireless burglar alarms on the market. The first type is activated when the alarm is tripped, but only the homeowner or neighbours can hear the alarm. This kind of system doesn't make a whole lot of sense if you live in a rural area and are away from home when a break-in occurs. Another kind of wireless security system uses a monitoring device that will communicate a forced entry to a security company. When the alarm is triggered, the security company will check to see if it's a genuine break-in; if it is, they will call immediately to dispatch the local police.

All wireless security systems include a control panel. This is the "brains" of the system, usually located in a closet or in the basement. The control panel receives all wireless communications that are sent by magnetic switches and motion sensors located throughout the house. If a suspicious entry or movement signal is received, the control panel will sound the alarm or dial the security company's central monitoring system.

Magnetic contacts are attached to doors and windows. These small, inconspicuous devices consist of two parts: a switch installed inside the window or door jam, and a magnet placed on the door or window. If the distance between the magnet and switch increases, as in the case of forced entry, the control panel will receive a signal and sound the alarm.

Large hallways are sometimes equipped with body sensors as part of a wireless security system package. These devices use passive infrared motion detection methods to sense motion or body heat. If motion is detected, a signal is sent to the control panel. At that time the panel will analyze the level of threat, and then decide whether to alert the central monitoring station.

Every wireless security system comes equipped with a keypad, which is used by the homeowner to activate or deactivate the system. The keypad is normally installed next to the entry door, allowing the owner easy access to arm the system when leaving home, and disarm the system upon returning. Remote keys, much like a car alarm, can also be used to operate a wireless alarm system. The homeowner can also use the remote controller to switch lights on from a distance, giving the illusion that someone is occupying the house.

Some wireless systems also use hidden or wall-mounted cameras that are connected to a video unit and VCR. All movement detected on the cameras is recorded by the VCR. Depending on the system, the cameras may be monitored by staff at the security company.

There is no doubt that any home security system can offer a certain degree of protection for your property, or even your life. However, for the highest level of protection, a wireless security system is your best choice.