

COMSEC

protection systems

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QUANTEC RESPONDER

- ▶ protecting staff
- ▶ securing buildings
- ▶ improving communication

QUANTEC RESPONDER

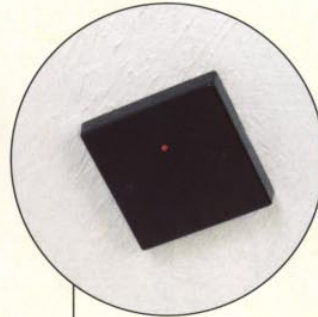
PROTECTING STAFF

For security guards, prison officers and drug rehabilitation workers, the threat of personal attack is all too apparent. Unfortunately, in today's increasingly violent society, doctors, nurses, teachers, civil servants, shopworkers, night porters and cashiers are just as vulnerable.

The problem is: how do you safeguard against the risks? Enter Quantec Responder, the infra-red panic attack system which highlights exactly where an attack has taken place within seconds.



■ All 'at risk' staff carry a special infra-red transmitter which they attach to their clothing. Should an attack take place, they simply tug the transmitter from its belt clip to fill the area with infra-red signals.



■ These signals are picked up by a special infra-red ceiling receiver which instantly informs Responder that an attack is taking place.



■ An urgent piercing alarm is sounded throughout the building and the exact location of the attack is shown on all displays for the swift response of security staff. (If required, optional tone or alphanumeric display pagers can also be incorporated for security staff on the move).

In addition to Responder's 'attack' signal, a lower priority 'help required' call level is available allowing staff to call for assistance as a dangerous situation develops. Calls of this nature are reported directly to security staff and can often result in incidents being diffused before staff are verbally or physically abused.

INNOVATIVE TRANSMITTERS

Responder's innovatively designed infra-red transmitters are the most versatile and cost-effective on the market. Three versions are available, each operating slightly differently to ensure the exact safety requirements of any workplace can be satisfied.

By utilising the 'tone burst' method of transmission, a minimum transmitting range of 10 metres line-of-sight has been achieved and the risk of system 'jamming' from TV and HiFi remotes has been virtually eliminated. Each transmitter provides battery low indication as standard. A short single tone on activation indicates the battery is good, a slow intermittent tone indicates it is low and a fast intermittent tone indicates it is dead. Batteries last for approximately 12 months (average usage).



SECURING BUILDINGS

Before assailants strike, they must first gain access to the areas where their victims are located. Some professionals (doctors, nurses, teachers, etc) must work in the firing line by default. Others, such as cashiers, civil servants and receptionists, receive some protection from the buildings and offices they work in. Responder can help reinforce this protection by discreetly monitoring areas to which access is restricted.

In addition to protecting areas where staff are located, Responder's monitoring points can also be used to secure drug cupboards, store rooms and fire exits. Supplied complete with an isolating keyswitch to reduce the risk of false alarms, they can also be connected to pressure mats, vibration sensors and passive infra-red sensors for even more comprehensive protection.



■ All doors, windows and cupboards requiring protection can be fitted with magnetic contacts connected to a Responder monitoring point.



■ When the door or window is opened, the monitoring point instantly reacts by triggering an emergency call.



■ The exact location of the security breach is indicated visually and audibly at all relevant displays around the building.

To ensure staff are always protected, transmitters can be tested on site for correct operation using a special infra-red test receiver which triggers calls locally avoiding unnecessary disturbances throughout the site.



IMPROVING COMMUNICATION

Responder's lowest priority 'standard' call level can be used for a whole host of different applications, many of which are unrelated to staff security.

From disabled persons toilet alarms in public buildings to interview room call systems in housing offices, Responder's vast array of call points, ceiling pulls, overdoor lights and reset points can achieve it - at a fraction of the cost of installing separate, dedicated systems.



SYSTEM INTEGRITY

Responder's job is simple - to protect staff at all times. As such, we have ensured the integrity of the system is never compromised.

In addition to the battery low indication feature on all infra-red transmitters, Responder's highly intelligent network controller constantly supervises all network devices to ensure they are working correctly. In the unlikely event that a device should fail, Responder instantly displays it's unique ID number, helping to reduce system down-time, maintenance time and costs. Also included in the network controller is a built-in 500 event datalogger which will record the date, time, type and location of every incident together with details of how quickly it was dealt with. This information can be output to a serial printer to provide a permanent record of system activity.

A stand-by battery can also be added to provide essential protection in the event of a power cut.

SETTING THE STANDARDS

Quantec Responder is manufactured by C-TEC, an ISO 9001 accredited company with over a decade's experience in manufacturing safety critical systems such as fire alarms and nursecall systems. Although no nationwide standard exists for staff security systems, C-TEC has drawn upon it's experience as one of Europe's largest fire alarm manufacturers to produce an infra-red staff protection system which cannot be surpassed in terms of reliability and effectiveness.

Whichever product it works on, C-TEC follows the same strict design and manufacturing procedures it uses to ensure all of its alarm systems comply with BS 5839, one of the most demanding standards in the world.

When you specify Responder, you specify quality.



To find out more...

Contact your local approved distributor on the telephone number below. At your convenience, they will happily visit your premises and demonstrate Responder to you, offering a free and professional assessment of your needs and a competitive quote for the supply, installation and maintenance of your equipment.

Your approved Quantec Responder distributor is:

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Quantec Responder is manufactured by :-

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Quality System Certificate No:176
Assessed to ISO9001 : 1994

