



Aspirating Air Sampling Equipment

Aspiration systems are an effective way of providing very early warning protection for high value and enterprise critical areas. Our range of aspiration systems consist of the most sensitive smoke detectors available. The technology employed by these devices provides the very highest levels of sensitivity in environments such as computer and clean rooms as the equipment are able to sense the very smallest amounts of smoke. With the ability to differentiate between smoke and dust, this system is also suitable for a wide range of "dirty" environments, including paper/flour mills, generator areas, telecoms areas and furnace rooms.

Use of the latest semiconductor laser, electronic components and manufacturing techniques enable the range to be supplied and installed with a significantly lower whole-life cost than alternative high sensitivity systems.

The stand-alone command module is designed to provide a single location display, control and interfacing option for systems up to 127 other aspiration system detectors. Each detector on the network can be up to 1.2km apart and each is wired in the same manner as an addressable loop.

For more information on aspiration systems, call the sales team now.

Features

- Network control of 127 detectors
- RS485 communications
- Built in short circuit isolators
- Integral programmable Serial Interface
- RS232 Serial Interface for PC Graphical Management System
- Multiple Programming Options
- Can discriminate against dust reducing false alarms
- High sensitivity



XPander Wireless Fire Equipment

XPander can be incorporated into fire detection systems in stately homes and architecturally sensitive buildings where the use of fire cables is either impracticable or undesirable.

XP95 detectors are often installed in buildings where wiring presents a challenge, most often because the fabric of the building or its design will be negatively affected by the use of cables. It is sometimes very difficult to introduce cable runs into buildings, which were not designed for the modern age; it is for buildings of this kind that XPander has been developed.

XPander is a system in which individual detectors, call points and alarm devices communicate with the XP95 loop by radio signals. An interface is connected to the loop in the same way as any other interface, such as an input/output unit.

Every XPander device is assigned an address and this address is recognised by the control panel in the same way, as is the address of any device connected directly to the loop wiring.

For more information on XPander products, call the sales team now.

Features

- Is easy to install
- Uses XPander XPERT card addressing
- Is self-monitoring
- Uses proven technology
- Eliminates cable problems
- No special control panel required
- Uses 868MHz radio channels
- Can have up to 15 device per interface and up to 5 interfaces per loop

