HOCHIKI

World Class Leaders in Fire Detection Since 1918

FIRElink
High Sensitivity Smoke Detection

Range Overview

FIRElink

High Sensitivity Smoke Detection

Example of server room application

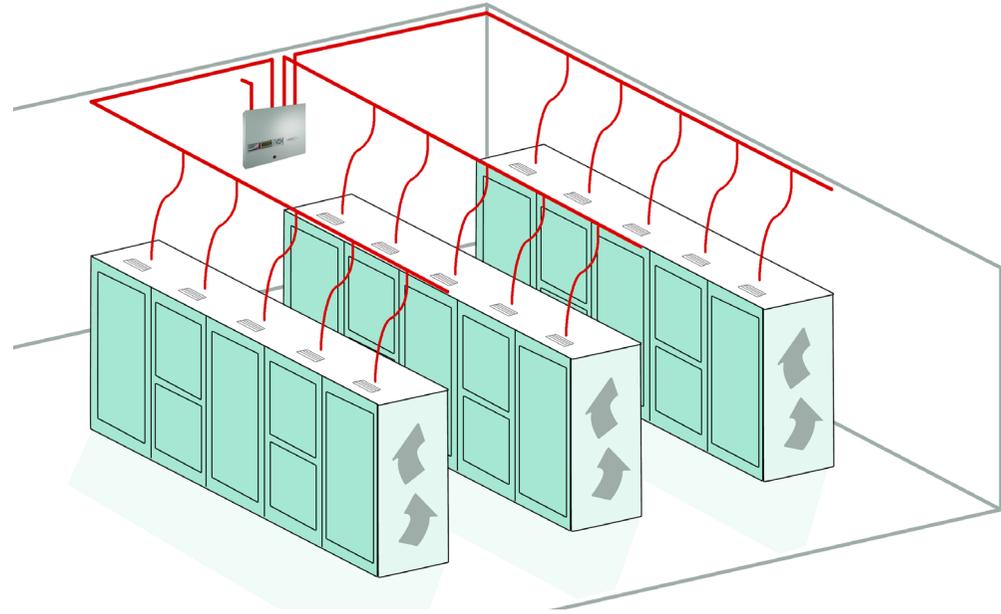### Introducing FIRElink: Advanced Aspirating Fire Detection

What is Aspirating (HSSD) Fire Detection?

Aspirating fire detection, also known as High Sensitivity Smoke Detection (HSSD), is a cutting-edge technology that provides early warning of potential fire hazards. Unlike traditional point detectors, aspirating systems actively draw air samples from the protected area through a network of pipes, analysing them for the presence of smoke particles.

Applications and Sectors

FIRElink excels in environments where early detection is crucial and traditional systems may fall short:

• Data centres and server rooms

• Warehouses and distribution centres

• Clean rooms and laboratories

• Historic buildings and museums

• Cold storage facilities

• High-ceiling spaces

• Dusty or dirty industrial environments

Hochiki is a wholly independent, multinational, publicly listed group of companies with over 2000 employees working across six manufacturing plants, 38 sales offices and 14 subsidiaries.

One of the world's leading manufacturers of commercial and industrial fire detection and emergency lighting solutions, Hochiki has acquired global acceptance as the benchmark for high-integrity and long-term reliability.

95%
of customer reviews rated our product quality as "VERY GOOD" or "EXCELLENT"

89%
of our customers are extremely likely to recommend our products based on quality

93%
of our customers rated us as VERY GOOD or EXCELLENT.

Hochiki's facilities in Japan, the United States of America and Europe design and manufacture products and provide technical support suited to local standards and customer requirements.

Total commitment to meeting the needs of individual national markets has reinforced the company's global reputation, resulting in Hochiki products being installed in many prestigious sites and in over 80 countries worldwide.

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FIRElink

Benefits of Aspirating Fire Detection

1. Earlier Detection: FIRElink can detect smoke particles at much lower concentrations than traditional detectors, providing valuable time for investigation and intervention.

2. Reduced False Alarms: Advanced algorithms and multi-level warnings minimize disruptions caused by false alarms.

3. Discreet Installation: Small sampling points replace bulky detectors, preserving aesthetics in architecturally sensitive areas.

4. Accessible Maintenance: Centralized detectors allow for easy testing and maintenance without disrupting operations.

5. Versatility: FIRElink adapts to challenging environments where temperature, airflow, or contaminants may affect traditional detectors.

6. Cost-Effective: While initial costs may be higher, FIRElink's superior protection and reduced false alarms offer long-term savings.

7. Continuous Monitoring: Active air sampling provides constant vigilance, unlike point detectors that wait for smoke to reach them.

8. Scalability: FIRElink systems can be easily expanded or reconfigured as your needs change.

Hochiki's FIRElink aspirating fire detection system represents the pinnacle of early warning technology. By combining unparalleled sensitivity with adaptability to diverse environments, FIRElink offers peace of mind and protection for your most valuable assets. Whether you're safeguarding critical infrastructure, preserving priceless artifacts, or ensuring business continuity, FIRElink provides the advanced detection capabilities you need.

Choose FIRElink for a fire detection solution that's always one step ahead.

FIRElink-25

Entry-level system for smaller areas up to 250m^2.

• Single sampling pipe

• Ideal for small server rooms or retail spaces

FIRElink-100

Versatile mid-range detector for areas up to 1000m^2.

• Two sampling pipes

• Suitable for offices, schools, and medium-sized facilities
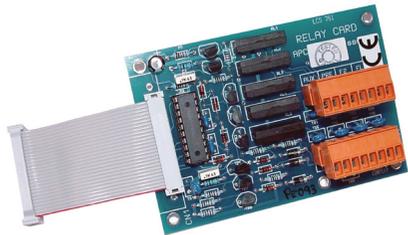
FIRElink-400

High-capacity system for large areas up to 4000m^2.

• Four sampling pipes

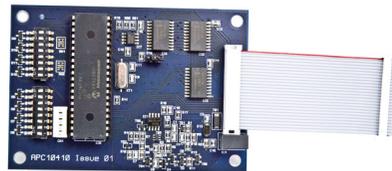• Perfect for warehouses, factories, and expansive open spaces

FIRElink-400cm

High-capacity system, with 'command module' to allow control of other FIRElink devices on the network.

FL-RC

An Input Relay Card

FL-APIC

An Addressable Protocol Interface Card

FIRElink Sampling Pipes

FIRElink Dust Filters

FIRElink

High Sensitivity
Smoke Detection

Quality Certificate No.164QMS
Assessed to ISO 9001

Environmental Certificate No.164EMS
Assessed to ISO 14001

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UKAS MANAGEMENT SYSTEMS
0007

INSTITUTE OF EXPORT & INTERNATIONAL TRADE
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FIA
Fire Industry Association

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Your Safety
Our Technology