HOCHIKI

Established in Japan in 1918, Hochiki is an independent, multi-national, publicly listed company with over 1700 employees across the globe. 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.

L@titude - a powerful and sophisticated control and indication system

Key Features

- 2 to 8 loop or 2 to 16 loop versions
- 5.25 A or 10.25 A, power supply options
- 3 programmable inputs
- 5 programmable relay outputs Hard wired fire and fault routing inputs and outputs
- Modular electronics
- Over 4000 sub address points per panel
- Option to "invert" inputs and outputs
- Powerful, standard configuration templates
- Network up to 128 panels*
- Configurable via USB port to PC or memory stick

EN Features

- Compliant with EN54-2, EN54-4
- 500 mA loop current
- 4 programmable sounder circuits each rated at 2.5 A
- Up to 512 programmed Input/Output via optional plug in
- serially connected expansion cards
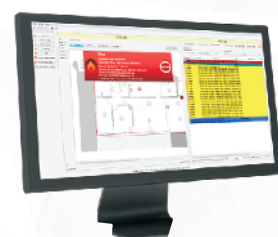- 2 ancillary serial ports
- Supports 15 languages

UL Features

- UL Listed (Tenth Edition) and FM Approved
- 400mA loop current
- Programmable NACs; 4 Class B or 2 Class A, all with internal synchronisation
- L@ti-View Graphical PC User Interface - coming soon!

Graphic Software

A powerful and sophisticated software solution, L@ti-View gives building managers complete monitoring and control over fire detection, providing a comprehensive fire risk and incident management system. Where time is of the essence, site managers can respond quickly and efficiently to a fire event. L@ti-View plays a crucial role in safeguarding people, vitally important information and property.

ESPintelligent
Analogue Addressable Fire Detection

Hochiki's comprehensive ESP intelligent (Analogue Addressable range) is suitable for even the most demanding environments and incorporates high performance sensors, a wide selection of input and output modules and ancillaries. All products use Hochiki's high integrity digital communications link 'ESP' (Enhanced Systems Protocol) that's at the heart of the ESP range. Hochiki's ESP is an open protocol and is supported by a number of leading independent control panel manufacturers

Smoke Chamber Design

DIVERSE RANGE Sensors

INTERFACES Input & Output

AUDIO / VISUAL VADs and Sounders

CDXconventional

Conventional Fire Detection

Hochiki's CDX range offers one of the most extensive product portfolios available, providing solutions for most conventional fire detection applications as well as security systems, due to its wide operating voltage range (9.5~30V dc). Hochiki's CDX range of automatic fire detection & alarm equipment is designed and manufactured to the highest international standards, offering life safety products and systems of incomparable reliability.

DETECTORS Smoke & Heat	**FLAME DETECTORS** Single & Triple IR	**BEAM DETECTORS** Emitter & Receiver
MARINE APPROVED LPCB & MED by DNV-GL	**IS & EXPLOSION PROOF** LPCB & MED by DNV-GL	**WATERPROOF DETECTOR** IP67 Rated

SIL is an acronym for Safety Integrity Level, and is a system used to quantify and qualify the requirements for Safety Instrumented Systems. Hochiki Europe (UK) Ltd has introduced a range of devices independently evaluated and certified to SIL2 (Safety Integrity Level) with respect to their primary function (Detection, Manual Call Point, Audio Visual etc) under IEC61508 Functional Safety of Electrical / Electronic / Programmable Electronic Safety-related Systems.

Intrinsically Safe

Hochiki's Intrinsically Safe and Explosion-Proof Conventional range of products has been designed around the existing world-proven CDX range. The detectors have been approved for hazardous area use by both LPCB and Germanischer Lloyd.

For an electrical product to be 'Intrinsically Safe' it must be incapable of igniting an explosive atmosphere by either spark or heat. This is achieved by ensuring only low currents and voltages enter the hazardous area, and therefore the whole circuit must be considered, not just the device in isolation. An 'Intrinsically Safe Circuit' therefore must restrict the electrical and thermal energy such that ignition of a hazardous atmosphere (explosive gas or dust) cannot occur.

Marine

Hochiki's marine approved Intelligent and Conventional products have been designed around the existing world-proven ESP and CDX ranges and have been approved for marine use by both Germanischer Lloyd and LPCB, to the MED approval scheme.

FIRElink
Air Sampling System

Hochiki's FIRElink range of high sensitivity air sampling equipment consists of detectors and sampling pipe accessories that provide the very highest levels of sensitivity. For environments such as computer areas, cold stores and clean rooms, the FIRElink range is able to give warning to the very slightest trace of smoke. All detectors in the FIRElink range have been approved to EN54-20:2006 Classes A, B & C by LPCB.

FIREscape

Hochiki's FIREscape, a fully addressable Emergency Lighting System fully compliant to BS5266 Part 1: 2016. FIREscape is a unique, highly cost effective and environmentally friendly emergency lighting system based on LED technology and is fully intelligent. FIREscape is based around an addressable, emergency lighting control panel with battery back-up and features addressable, self contained luminaires and signage connected via screened, extra-low voltage (40V) cabling.

FIREscape+

FIREscape+ is a combined fire detection and emergency lighting system with the added benefit of wayfinding technology. At the heart of the FIREscape+ system, is an addressable panel that controls both the fire detection and emergency lighting units. Using 40 volt fire resistant screened cable, up to 127 dynamic exit signs, luminaires, fire detection devices, and input / output units, can be wired onto the same loop. Each device is given an address and the dynamic exit signs are programmed through cause and effect. In the event of a fire, the system will automatically determine the state of the dynamic exit signs based on the location of the fire.

LEAKalarm

The cost to businesses due to water leakage can be significant and it is not just the obvious cost of physical damage to IT and other electronic equipment, plant, fixtures & fittings, stock and the fabric of the building. Like fire damage, even a seemingly minor water leak can result in temporary relocation, resultant increased employment costs, significant business interruption & loss of profits. Hochiki's Water Leak Detection System, LEAKalarm, secures you from the losses mentioned

VOICENET

(High Rise Voice Evacuation Systems)

UL 864 9th Edition Listed
True multiplex 6 channel distributed audio
Integrated Fire Phone System (optional)
Modular system
2 Channel Digital Message Repeater
Live microphone paging to any zones
Fast RS-485 communication protocol
Fully supervised Easy installation and operation
Natural voice sound recordings
Built-in alarm evacuation and alert signals
Up to 4 minute message capacity
UL Listed to be integrated with FireNET® 2127/4127
3 minute message restart on microphone key
Up to 256 distributed panels

FIREwave

SENSORS
Heat, Smoke & Multi

MODULES
Expander & Translator

CALL POINTS
Wireless

SOUNDERS
Base & Wall

MAGNETIC DOOR HOLDER
Wireless

MODULES
Input & Output

Hochiki's FIREwave range raises wireless fire detection and alarm systems to new levels of reliability and flexibility. FIREwave is a hybrid wireless based family of products which is fully integrated into Hochiki's renowned ESP intelligent hardwired system.

FIREwave employs the latest radio technology, providing a simple and economic hybrid wireless fire detection system installation with minimal disruption to the fabric of the building and its operation. Flexible and versatile, FIREwave is suited to a wide range of applications, matching the requirements of any building from busy hotels to sensitive heritage buildings.