

# TAKTIS Technical Catalogue

Version 2.1 2019





## Taktis

Analogue Addressable 2-16 Loop Control Panels



**TAKTIS-TS1**  
TAKTIS FIRE PANEL  
(H) 590 x (W) 420 x (D) 162



**TAKTIS-TS2**  
TAKTIS FIRE PANEL  
(H) 710 x (W) 500 x (D) 169



**TAKTIS-TS3**  
TAKTIS FIRE PANEL  
(H) 1065 x (W) 560 x (D) 239

## Product Overview

The Taktis product range combines the very latest hardware and software to produce a control and indication system, which is powerful and sophisticated, yet simple to use and understand.

The large graphical touch screen provides a clear, uncluttered and intuitive interface so the end user requires minimal training.

Available in 4 slot and 8 slot variants, with each slot supporting a 2 loop detection card, the Taktis fire control panel ranges from 2 to 16 detection loops.

The generous quantity of sounder circuits, relays and inputs provided as standard can be further increased by the addition of one or more Taktis I/O plug in expansion cards.

The Taktis Network Card allows networking of up to 128 panels and repeaters meaning that Taktis can provide reassurance to all building owners/ operators whether responsible for a small system or a large complex.

Taktis Vision panels can be connected to the Taktis network to provide a fully functional repeater in a compact enclosure.

The remote management features offered by Virtual Resource can result in reduced fault calls, improved technical support, efficient and proven maintenance, reduction of unwanted alarms, a full audit trail and improved overall service to the end user.

## Standard Features

- 2 to 8 loop or 2 to 16 loop versions
- 500 milliamp loop current
- 4 programmable sounder circuits each rated at 2.5 Amps
- 5.25 Amp or 10.25 Amp power supply options
- 3 programmable inputs
- 5 programmable relay outputs
- Ancillary configurable facia controls
- Up to 512 programmable I/O via optional plug in and serially connected expansion cards
- Hard wired fire and fault routing inputs and outputs
- Modular electronics
- Over 4000 sub address points per panel
- COINCIDENCE, OR and AND operators in cause and effects
- Option to "invert" inputs and outputs
- Powerful, standard configuration templates
- Network up to 128 panels
- Configurable via USB port to PC or memory stick



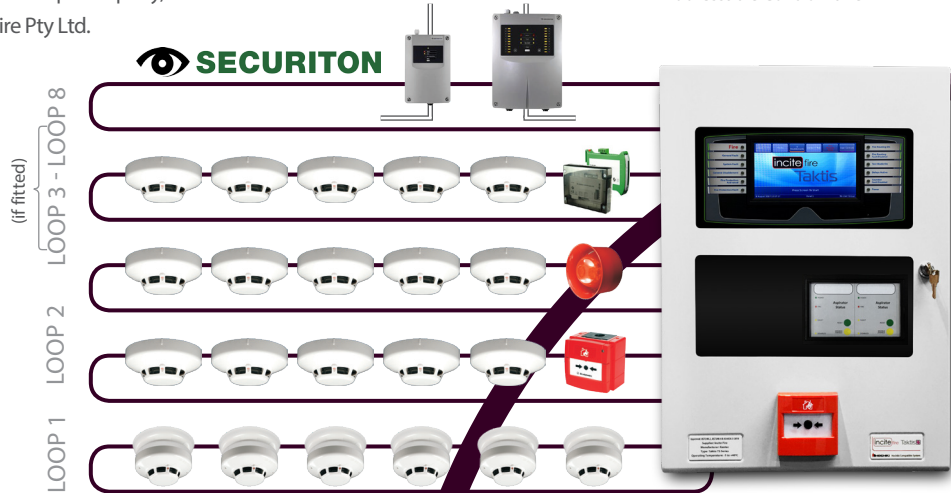
# HOCHIKI SYSTEM (2-16 LOOP TAKTIS PANEL)

HIGH INTEGRITY CONFIGURABLE NETWORK

Control Panel is manufactured by Hochiki Group Company, Kentec Electronics Ltd. and distributed by Incite Fire Pty Ltd.

TAKTIS  
2-8 Loop Analogue  
Addressable Control Panel

Each loop is capable of hosting a combination of: 127 detectors and devices, plus 127 Sounder Bases (254 in total)



**TAKTIS DISPLAY**  
Taktis utilises a full colour, 7" 800x480 touch screen graphical display to provide a clear, simple and intuitive user interface. 80 character zone location and 80 character device messages allow a clear, concise description of each detection device location to be configured.

**TAKTIS DISPLAY - FUNCTION BUTTONS**  
Up to 24 customer specific function buttons may be configured to provide control, disablement and engineering functions. The functions buttons can be configured to be either available or hidden for each log in profile.



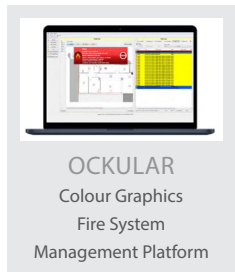
COMING SOON

## TAKTIS VIRTUAL RESOURCE

VR ACCESS - Access data from all your systems

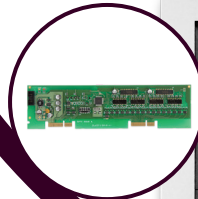


**TAKTIS VISION-N**  
Configurable Fire Alarm Repeater  
24Vdc



**OCKULAR**  
Colour Graphics  
Fire System  
Management Platform

Media Gateway

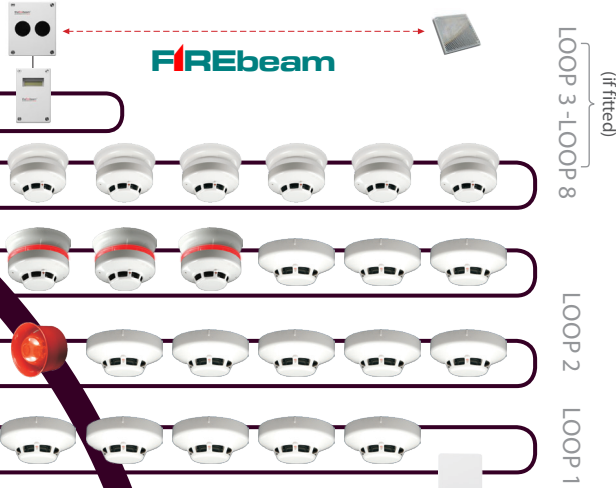


COMING SOON



TAKTIS  
2-16 Loop Analogue  
Addressable Control Panel

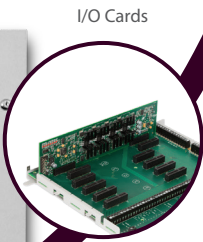
**TAKTIS**  
2-8 Loop Analogue  
Addressable Control Panel



**USER ACCESS**  
Level 2 Fire Brigade screen by opening door  
Level 3+ by unique 6 digit programmable passcodes  
  
Up to 64 individual login accounts can be configured, with different profiles and access permissions.

**EVENT LOG**  
A 10,000 entry event log records all system activity to 1 second resolution. The log is held in secure memory and is retained when power is removed from Taktis. Powerful filtering allows the log to be sorted by event type, between dates, by zone, by panel and by address. Using the LE2 (Loop Explorer 2) configuration program, the event log can be downloaded and stored as a CSV (comma separated values) format.

Up to 128 Panels/Repeaters can be added to the network



I/O Cards

### OPTIONAL EXPANSION BOARDS

Plug in slots	TAKTIS-K772	TAKTIS-K791	TAKTIS-K792	TAKTIS-K793
	16 Channel I/O Board	8 Way Relay Board	8 Way Conventional Zone Board	4 Way Sounder Board

### FULL RANGE OF SYNCRO I/O BOARDS AVAILABLE

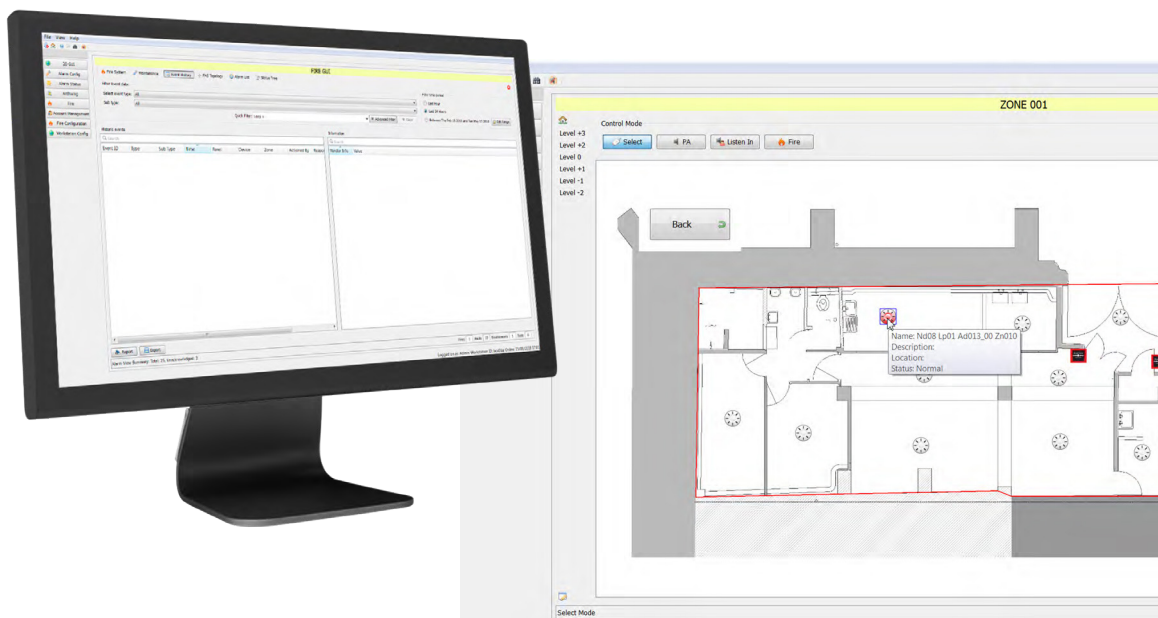
RS485 Bus	SYNCRO-K545	SYNCRO-K560	SYNCRO-K547	SYNCRO-K546
	4 Way Conventional Zone Board	16 Channel I/O Board	8 Way Relay Board	Monitored Output Board

**TAKTIS**  
2-16 Loop Analogue  
Addressable Control Panel

## OCKULAR

A powerful and sophisticated software solution, Ockular 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. Ockular plays a crucial role in safeguarding people, vitally important information and property.



## Product Overview

### Visual Fire Management

Ockular can automatically switch to the area on the site map to where a fire device has been activated to quickly view an event and begin immediate investigation. In addition, it will show the relevant muster and fire control points.

### Immediate Response

With Ockular, operators and users are alerted to an event as soon as it occurs and are directed to the location of the event.

### Flexibility

Ockular enables permissions to be given to users. There are four default user accounts configured upon installation. Additional accounts can be created by the administrator.

### Fire System Maintenance

A maintainer's area provides dedicated functions for a fire alarm system's maintenance team. A comprehensive list of all fire devices along with their statuses, cause and effect rules and integration settings allows operators to quickly view a device, make changes and disable devices all from one workstation.

## Standard Features

- Supports dual screens, allowing a dedicated screen for the 2D location images and a separate screen for listing active events and system management
- Fully configurable on site using administrator login
- Reports configuration mismatch errors – ensuring that the graphics system is properly maintained and updated whenever there are any panel configuration revisions
- Powerful event log filtering and reporting
- Manage the state of the fire system using a combination of graphical images and system controls
- Programmable macro buttons to perform panel control operations
- Full map navigation using configurable buttons or map areas
- Device analogue value reporting
- Perform device and zone disablements/enabements

## Product Overview

### Taktis touch screen repeater

The large, full colour graphical display with touch screen functionality, delivers information on the status of the fire alarm system to single or multiple locations.

Taktis Vision repeaters can be configured to offer full display and control to replicate the functionality of the fire control panel or to operate as a simple, display only device for applications where access to control the fire alarm system would be inappropriate.

## Standard Features

- Robust, full colour, 7" 800 x 480 touch screen graphical display
- Full indication of all information displayed at the fire control panel
- Automatic display brightness adjustment
- Silenceable internal buzzer
- Connections Via: Control panel RS485 bus
- Option to connect to control panel network
- Low current, 24V DC powered

## TAKTIS-VISION-N

Configurable Fire Alarm Repeater  
24V DC



## Product Overview

### Fire Alarm Management Solution

Vizulinx is a fire alarm management solution which enables you to monitor your fire systems remotely.

Highly configurable using an embedded web server and simple configuration wizard, it can be used to pass fire system events via e-mail, SMS and Modbus.

Upgrade options to interface with two-way radio systems, ESPA telephone and pager modules. Speech diallers are available and connectivity via GSM will be provided for sites where internet connectivity is not available.

Event notifications are triggered and processed immediately. Email or mobile phone messages can be routed to any number of recipients based on the fire alarm event types. These include fire, pre-alarm, fault, disable, in test, technical alarm and security.

As events are sent immediately, this reduces false alarms as it allows alarms to be investigated before sounding to prevent unnecessary evacuation.

Modbus connectivity enables a simple, low-cost integration into building management systems.

RS232 serial connection is provided for compatible panels with 16 switched inputs (0V) to interface conventional fire alarm systems or any device providing a switched output.

Through Mass Notification, Vizulinx keeps the occupants and key emergency responders aware of alarm conditions with location description or area messages and required event actions.

Provides building managers & service organizations instant updates on any faults & fire alarm activity, thus providing convenience and time-saving efficiencies.

## Standard Features

- Monitor fire alarm activity on your workstation or device
- Receive alerts by email, SMS or pager
- Easy user subscription function - opt in opt out via text
- Defined message notification for managers, engineers or building occupiers
- Compatible with Modbus protocols
- Configurable via web browser - No PC software required
- USB, WiFi connectivity (via dongle)
- Quick setup, user friendly operation
- Internal memory event log
- Isolated RS232 port
- A convenient and cost effective solution
- Housed or module only options
- DIN rail mountable (module only)

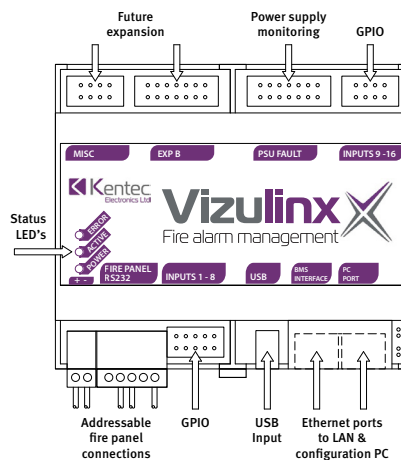
## VIZULINX



Module Only



Housed Version



Modbus

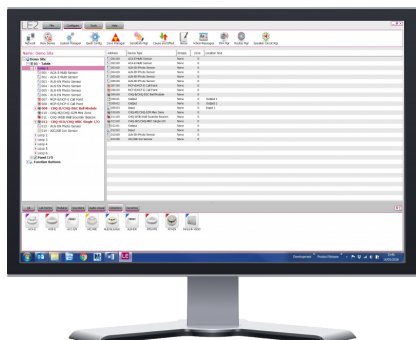


Email

SMS

## TAKTIS LOOP EXPLORER 2

Loop Explorer 2 (LE2) is a configuration software which is easy to use even when producing the most complex configurations.



### Product Overview

LE2 is highly configurable, enabling customisation of languages, colour schemes and company logos and allowing exposure to single or multiple detector protocols to be set for each user.

Additional logical operators for NOT and TIME functions for use in cause and effects and the inclusion of 'groups' (collections of devices not necessarily in the same zone) increase the power and flexibility of LE2 to far beyond what was previously achievable.

LE2 can also be used to select, (where applicable) the appropriate detection loop protocol. It is possible to run different loop protocols on individual loop cards. Powerful standard templates allow rapid configuration of common fire system configurations for applications such as high-rise buildings or alarm verification from hotel rooms.

Access to LE2 is via a secure web server, so users with the appropriate credentials have permanent access to the latest version ensuring that the most recent enhancements are always available.

### Standard Features

- Highly configurable software
- Powerful standard templates allow rapid configuration
- Taktis Virtual Resource subscribers can store LE2 configuration files
- Enables customisation of languages, colour schemes and company logos
- Cause and effect allows the configuration of large, complex networks with ease.

## TAKTIS VIRTUAL RESOURCE - Coming Soon

Virtual Resource is an advanced management tool for fire detection which provides system designers, integrators and service companies with the ability to remotely access and comprehensively manage any system using intelligent analysis of data collected from their systems. End-users and facilities managers can also greatly benefit from the powerful feature set that comes with Virtual Resource.



### Product Overview

The remote management features offered by Virtual Resource can result in reduced fault call outs, reduction of unwanted alarms and improved overall service to the end user.

Gain access to data from all your systems, assess performance, check status and make decisions based on facts, not assumptions.

VR Access allows your fire system to periodically report its status to the secure servers to enable you to view the latest status report via any web enabled device.

Whether you are a service provider, building owner or facilities manager, Taktis VR can help you reduce costs, add value and improve service integrity by employing the latest communication and analytical technologies.

### Standard Features

- Proof of Testing - Virtual Resource records the fire alarm control panel activity, including specific details of device status and identify information so you can be assured that testing has been carried out and it reduces inaccuracy.

### Standard Features Cont.

- Extended and Searchable Logs - Virtual Resource provides an extended searchable event log.
- Asset List - Virtual Resource creates and maintains an asset list of all the fire alarm components quantifying and detailing each panel, loop, addressed device, and device type with descriptive labels.
- Reports- Virtual Resource records servicing and weekly test activity to specific logs in pre-defined annual summary format. Users may also generate specific reports based on their own search criteria: Date/Time, Mode, Event, Panel, Loop, Device and protocol partners.
- Confirmed Fire events- Reduce false alarms with the Virtual Resource Confirmed Fire event
- Notifications - Event notifications are sent by:
  - Email
  - Mobile phone application
  - Secure IP monitored applications
- File Storage - Virtual Resource provides the ability to attach and store electronics files.
- Virtual Resource Android Phone Application – 3 different available applications include Notify, Weekly Test and Engineer





**TAKTIS-TS1**  
Taktis Fire Panel  
(H) 590 x (W) 420 x (D) 162



**TAKTIS-TS2**  
Taktis Fire Panel  
(H) 710 x (W) 500 x (D) 169



**TAKTIS-TS3**  
Taktis Fire Panel  
(H) 1065 x (W) 560 x (D) 239



**TAKTIS-VISION-N**  
Configurable Fire Alarm Repeater  
24V DC



**TAKTIS-K772**  
16 Channel I/O Board



**TAKTIS-K791**  
8 Way Relay Board

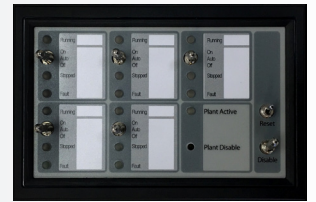


**TAKTIS-K792**  
8 Way Conventional Zone Board

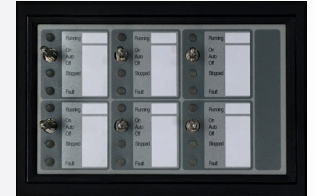


**TAKTIS-K793**  
4 Way Sounder Board

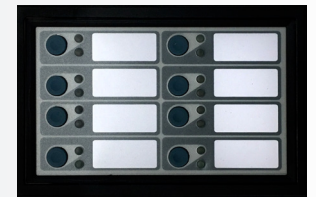
**TAKTIS-KAU2044**  
Taktis Fan Controller (5)  
(Master Module)



**TAKTIS-KAU2060**  
Taktis Fan Controller (6)  
(Slave Module)



**TAKTIS-KAU2045**  
Taktis Ancillary Module (8)



**TAKTIS-KAU2046**  
Taktis LED Module (32)  
Selectable columns:  
Green, Red, Amber



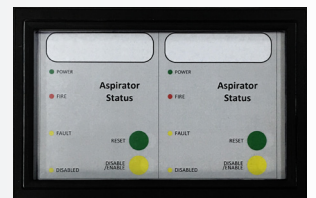
**TAKTIS-ASE**  
Select your ASE Bracket



**EVAC-SD-FACIA**  
Taktis OWS Control and Microphone



**TAKTIS-SECRDU**  
Securiton (2)  
Control Display



**TAKTIS BATTERY BOX**  
**TAKTIS-BBS1**  
(H) 230 x (W) 420 x (D) 162  
**TAKTIS-BBS2**  
(H) 300 x (W) 500 x (D) 169  
**TAKTIS-BBS3**  
(H) 395 x (W) 560 x (D) 239



ANALOGUE SENSORS


The below chart shows each panel and its corresponding detectors, along with a recommended solution for each site. Where a site has a FFE9000 or FFE10000 panel and only HRE detectors, (Red column below) the only solution is to change the entire fire system. If a site has Firenet panels there may be an option to update the system by changing only the panels as can be seen on the opposite page.

**PRODUCTS:**  
 - FFE9000  
 - FFE10000  
 - AB3000



**Solution**  
 (1) Replace Fire system

**PRODUCTS:**  
 - FIRENET





























**Solution**  
 (1) Possibility to upgrade loop card to link to HRE detectors (to be confirmed with Incite Fire)  
 (2) Continue to maintain system with available parts  
 (3) Upgrade system with Syncro / Taktis panels

**PRODUCTS:**  
 - Syncro (Hochiki Product)  
 - Taktis (Hochiki Product)



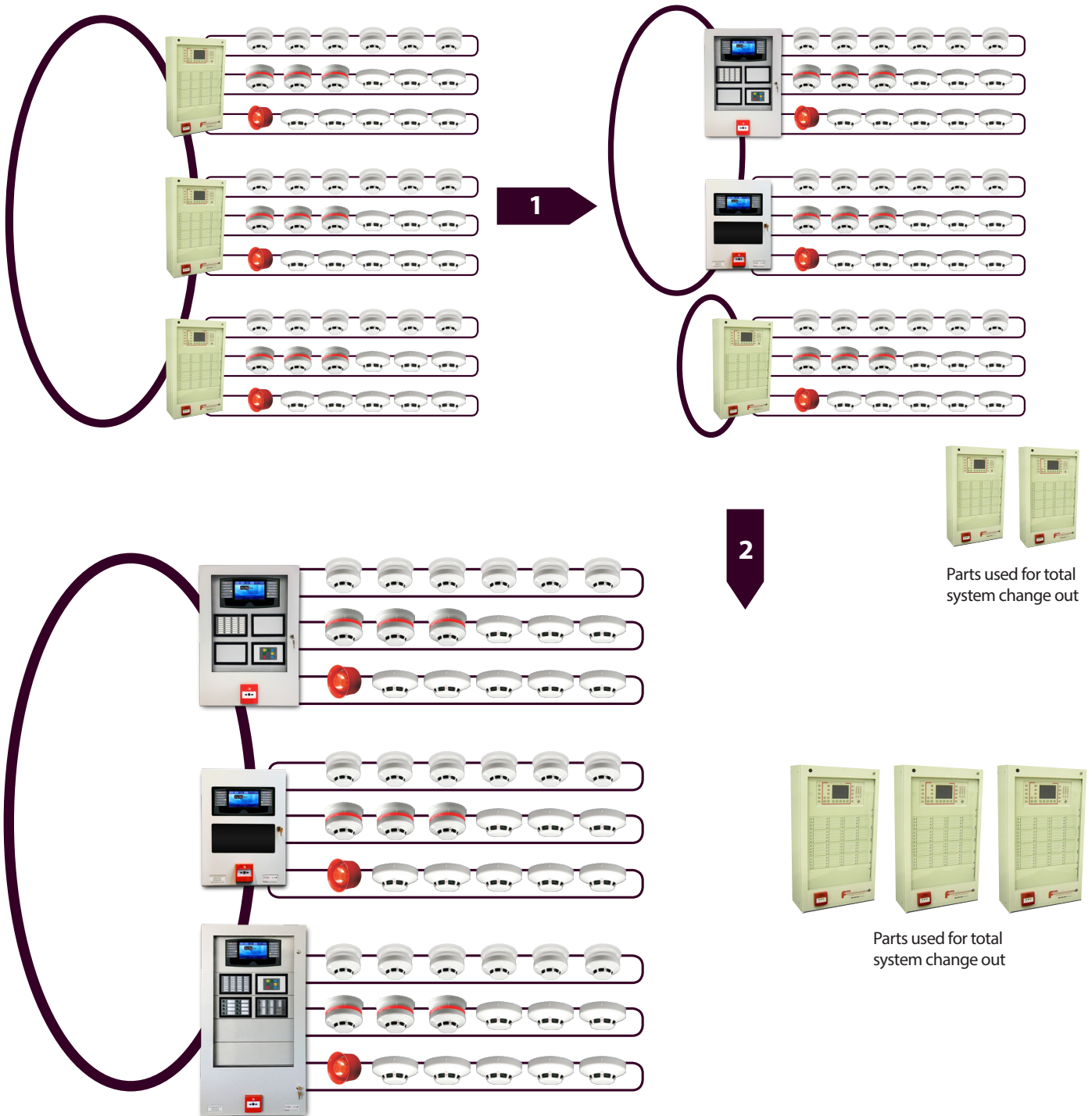
**Solution**  
 (1) Continue as is for the future

ANALOGUE SENSORS	HRE DETECTORS	HRE DETECTORS	GTP DETECTORS		GTP DETECTORS		ESP DETECTORS
PHOTO	 ALB-E	 ALB-E	 ALG-AS	 ALK-AS	 ALG-AS	 ALK-AS	 ALK-ASN
ION	 AIA-E	 AIA-E	 AIE-AS		 AIE-AS		
HEAT	 ATA-E	 ATA-E	 ATG-AS	 ACB-AS	 ATG-AS	 ACB-AS(*)	 ACB-ASN
HEAT WATER-PROOF				 ACB-ASW		 ACB-ASW	 ACB-ASNW
MULTI			 AAM	 ACA-E	 AAF	 ACA-E	 ACA-ASN
COLOUR	IVORY	IVORY	IVORY		IVORY		WHITE
BASE	YBF-RL/2NBF	YBF-RL/2NBF	YBN-R/2NA		YBN-R/2NA		YBN-R/3(WHT)

All Hochiki GTP loop protocol devices will work with Syncro and Taktis

(\*) Operates in fixed temperature mode only as per ATG-AS

## FIRENET CHANGE OUT SOLUTION



## Only Use Compliant Products When Performing Changeouts

“Hochiki Australia’s AS approved Analogue Sensors (excluding HRE protocol sensors and Conventional Detectors) are compatible, tested and approved for use with the following fire control panels:

- Manufacturer Kidde Australia Pty Ltd/Model: NFP1&2, Phoenix, FIRENET
  - Manufacturer Kentec Electronics Ltd /Model: Syncro AS, Taktis”
- For further information please contact: FireNet Support Team (02) 9644 7144-PRESS 2.



AFP : 2014

## ALK-ASN



### Product Overview

A **photoelectric Smoke Sensor** incorporating Hochiki's unique High Performance Chamber, allows the sensor threshold level to be increased, improving the signal to noise ratio and reducing susceptibility to false alarms.

### Standard Features

- High Performance Chamber
- Twin alarm LEDs allow 360° viewing
- Locking mechanism (sensor to base)
- Variable sensitivity
- Compatible Bases: YBN-R/3(WHT), YBO-BS(WHT), YBO-BSB(WHT), YBN-R/3-R/SCI
- Approval: AS7240.7

## ACA-ASN



### Product Overview

A **multi-Sensor** incorporating a thermal element and a High Performance photoelectric Smoke Chamber. Has three modes controlled from the Control Panel, allowing either the optical or thermal element or a thermally enhanced optical detector.

### Standard Features

- High Performance chamber
- Incorporates optical and heat elements
- Twin alarm LEDs allow 360° viewing
- Pulsing/non-pulsing controlled from panel
- Variable sensitivity
- Compatible Bases: YBN-R/3(WHT), YBO-BS(WHT), YBO-BSB(WHT), YBN-R/3-R/SCI
- Approvals: AS7240.5 and AS7240.7

## ACB-ASN



### Product Overview

A **multi-Heat Sensor** incorporating a variable Fixed Temperature heat element and a Rate Of Rise heat element, both controlled from the Control Panel allowing either thermal element or both elements simultaneously to be active in making the fire decision.

### Standard Features

- Incorporates Fixed Temperature and Rate of Rise Heat elements
- Twin alarm LEDs allow 360° viewing
- Compatible Bases: YBN-R/3(WHT), YBO-BS(WHT), YBO-BSB(WHT), YBN-R/3-R/SCI
- AS7240.5 Classes A1,AIR,AIS,B,BR,BS,C,CR,CS, Fixed and ROR

## YBN-R/3(WHT)



### Product Overview

A **Common Mounting Base** which is fully compatible with ALK-ASN, ACA-ASN and ACB-ASN sensors. Supplied with square cable clamps for secure and reliable cable termination and is also capable of driving a remote LED if required.

### Standard Features

- Electronics free
- Stainless steel contacts
- Takes 2.5mm 4 cables
- Slim profile – only 8mm

## ACB-ASNW



### Product Overview

An **IP67 Rated Waterproof Multi-Heat Sensor** which can be used externally and is supplied with its own fixing base which is used to fix the sensor. Flying leads from the sensor connect directly to the loop via waterproof connectors.

### Standard Features

- Incorporates fixed temperature and rate of rise heat elements
- Twin alarm LEDs allow 360° viewing
- Pulsing/non-pulsing controlled from panel
- IP67 rated
- Supplied with fixing base
- AS7240.5 Classes A1,AIR,AIS,B,BR,BS,C,CR,CS, Fixed and ROR

## Product Overview

**A Dual Relay Controller** designed to provide two general-purpose relay outputs, each output can be controlled independently and used to control dampers, plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input. Also available as a DIN rail mountable version.

Both models feature an integral short-circuit isolator.

## Standard Features

- Loop powered
- Single loop address
- Two independently controlled changeover relays
- Relays contact rated at 30Vd.c. at 1 amp
- Auxiliary monitored input
- Both models feature an integral short-circuit isolator

CHQ-DRC(SCI)  
CHQ-DRC(DIN)



## Product Overview

**A Dual Zone Module** designed to allow up to 60 conventional detectors (30 per zone) to be interfaced to Hochiki's analogue addressable system. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

## Standard Features

- Single loop address
- Supports two independent zones of conventional detectors
- Both zones fully monitored for Short/ Open Circuit
- Requires an auxiliary 24Vd.c. supply
- Both models feature an integral short-circuit isolator

CHQ-DZM(SCI)  
CHQ-DZM(DIN)



## Product Overview

**A Single Zone Monitor** designed to allow up to 6 conventional detectors to be interfaced to Hochiki's analogue addressable system. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

## Standard Features

- Loop powered
- Up to 6 Conventional Detectors
- Single loop address
- Remote LED output
- Fully monitored for Short and Open Circuit faults
- Both models feature an integral short circuit isolator

CHQ-SZM(SCI)  
CHQ-SZM(DIN)



## Product Overview

**A Plant Control Module** with four independent change-over relay outputs, with N/O and N/C volt free contacts and four inputs. These outputs can be driven separately by the fire alarm control panel and can be used for the control of devices such as dampers or for plant and equipment shutdown. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

## Standard Features

- Single loop address
- Loop powered
- 4 change-over relay outputs
- 4 independent inputs for monitoring of volt-free contacts
- Each input can be configured to monitor either normally open or normally closed contacts
- Both models feature an integral Short-Circuit Isolator

CHQ-PCM  
CHQ-PCM(DIN)



## Product Overview

**A Dual Input Module** designed to interface to a variety of inputs such as door contacts, sprinkler flow/door switches and plant equipment. Also available as a DIN Rail mountable version. Both models feature an integral short-circuit isolator.

## Standard Features

- Loop powered
- Single loop address
- Two independent inputs for monitoring of volt-free contacts
- Each input can be configured to monitor either normally open or normally closed contacts
- Both models feature an integral short-circuit isolator

CHQ-DIM(SCI)  
CHQ-DIM(DIN)



## ALK-AS



### Product Overview

**A Photoelectric Smoke Sensor** incorporating Hochiki's unique High Performance Chamber which allows the sensor threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

### Standard Features

- High Performance chamber
- Twin fire LEDs allow 360° viewing
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Compatible bases: YBN-R/2NA, YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS7240.7

## ACA-E



### Product Overview

**A Multi-Sensor incorporating a thermal element** and a High Performance photoelectric smoke chamber.

### Standard Features

- High Performance chamber
- Incorporates Optical & Heat elements
- Twin fire LEDs allow 360° viewing
- Variable sensitivity
- Electronically Addressed via the TCH-B200 handheld programmer
- Compatible bases: YBN-R/2NA, YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS1603.1 & AS1603.2

## ACB-AS



### Product Overview

**A Multi-Heat Sensor** incorporating a variable Fixed Temperature heat element and a Rate Of Rise heat element, both controlled from the Control Panel allowing either thermal element or both elements simultaneously to be active in making the fire decision.

### Standard Features

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Electronically Addressed
- Compatible bases: YBN-R/2NA, YBO-BS, YBO-BSB, YBO-R/SCI
- Approval: AS1603.1. Type A, B, C and D

## YBN-R/2NA



### Product Overview

**A Common Mounting Base** which is fully compatible with ALK-AS, ACA-ASN and ACB-AS sensors. Supplied with square cable clamps for secure and reliable cable termination and is also capable of driving a remote LED if required.

(Red version – YBO-R/3(RED) for use with CHQ-WS2 Wall Sounder and CHQ-WSB Wall Sounder Beacon)

### Standard Features

- Electronics free / Stainless steel contacts
- Takes 2.5mm<sup>2</sup> cables
- Slim profile – only 8mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick connection via square cable clamps
- Available in RED for use with CHQ-WS2 Wall Sounder and CHQ-WSB Wall Sounder Beacon

## ACB-ASW



### Product Overview

**An IP67 Rated Waterproof Multi-Heat Sensor** which can be used externally and is supplied with its own fixing base which is used to fix the sensor. Flying leads from the sensor connect directly to the loop via waterproof connectors (Not supplied).

### Standard Features

- User selectable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin fire LEDs allow 360° viewing
- Electronically addressed
- IP67 rated
- Supplied with fixing base
- Approval: AS1603.1 Type A, B, C and D

## Product Overview

### Addressable Manual Call Point

## Standard Features

- Fast Response
- Status LED
- Addressed using handheld programmer
- Complete with back box

## HCP-E-ADD



## Product Overview

### Weatherproof Addressable Manual Call Point

## Standard Features

- Fast Response
- Status LED
- Addressed using handheld programmer
- Complete with back box
- IP rated IP67

## HCP-E-ADD-WP



## Product Overview

**A Duct Probe Housing** associated with analogue ALK-AS, detectors to be mounted on the outside of an air duct for the purpose of monitoring the air within the duct. (shown with sensor fitted – not supplied). Allows air duct sampling using standard detector or sensor

## Standard Features

- Test hole on cover.
- Simple installation/maintenance.
- Sensitive flow indication Installer-friendly connection of cables.

## DH-98-ASA



## Product Overview

**A Hand Held Address Programmer** designed to address the range of detectors and other addressable devices such as the YBO-BS Base Sounder. Designed to be light, robust and easy to use it operates from a single PP3 size 9v battery which can provide up to 8000 operations.

TCH-B200: Includes CO detection

## Standard Features

- Lightweight design
- Quick and reliable addressing
- Up to 8000 address settings from one battery
- Displays sensor analogue value

## TCH-B200



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