25 Years of Manufacturing Excellence

Zeta®
ALARM SYSTEMS

INFINITY iD2

The Intelligent 2 Wire Fire Detection System for Professionals

Infinity ID²

The intelligent 2 wire fire detection system for professionals

In a nutshell

Zeta Alarm Systems is proud to introduce the most advanced 2 wire system on the market. We can now provide a system that gives all of the benefits associated with a '2 Wire' installation (less cable, quicker installation, cost savings on labour/product) and has the facility to 'I.D.' the devices.

The system is built on the proven communication protocol developed by Zeta Alarm Systems and shares the same platform as our largest, most powerful system.

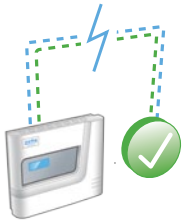
The Infinity ID2 can be used for new installations, as a retro-fit for any conventional system or as a replacement for existing 2 wire systems when the extra features are deemed to be desirable/necessary. This is possible because the Infinity ID2 devices sit on radial circuits, thus making it easy to 'upgrade' a system with the facility to I.D. devices without the need to re-wire.

Standards

The Infinity ID2 fire alarm system has been designed to meet the full requirements of BSEN5839 part 1 and BSEN5839 part 6.The control panel has been designed to meet EN54 part 2 and EN54 part 4.

Cabling

A single pair of wires is used from each zone terminal (radial circuit) which connects all detectors, call points, warning devices (sounders/ flashers) and interfaces. There is no requirement for an 'End of line' device. This will save a significant amount on the cost of traditional conventional or addressable systems (around 40% or more in the majority of cases).



Cable Break Protection

In the event of a cable break, the panel will report the break. The devices after the break will be lost, but will be listed one-by-one on the panel display to help locate the break.

Cable Short Circuit Protection

Each zone is equipped with a short circuit isolator built-in to the panel, so any short circuit, no matter how severe, will not affect the electronics in the control panel.

Alarm Indication

Each device can be uniquely identified (I.D.) by the panel and a 20 character label set for each. In the event of a fire or fault the exact device that triggered the event will be shown.

Installation & Commissioning

In addition to the benefits already listed, once the panel has been connected a 'Device Count Verification' feature will confirm the number and type of every device. This can then be checked against the system specification.

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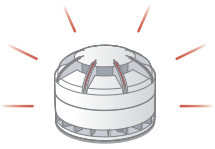
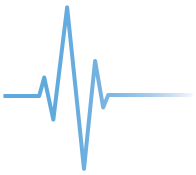


Special Detector Bases

Our bases all come with both sounder and LED flasher as standard. This makes our system the only system available today with a sounder and flasher with every detector, improving the audibility and visual identification of an alarm.

Alarm Verification

Each smoke detector can be simply programmed to verify an alarm before a full evacuation. This gives the benefit of being able to operate an individual detector's sounder/ flasher base and have a time period to clear the smoke/verify the alarm. This makes the Infinity ID2 perfect for HMO installations.



System Monitoring

Since every device is monitored constantly and communicates with the panel at a maximum interval of 4 seconds, any malfunction in any device will be reported by the panel. This of course will include the exact location of the device.

Alarm, Fault & System History

The Infinity ID2 includes a 2048 event history that stores all alarm, fault and system events.

Zone Check - Cable Integrity & Zone Identification Facility

Our Zone Check facility allows you to illuminate the LEDs and flash the LED flashers of all devices contained within a zone. This has many benefits including identifying the location of a zone if you are visiting an installation for the first time and also checking the cable runs to all devices that should be contained in a zone. (It is also possible to narrow this down to an individual device if required).

Additional Features

- ✓ One man walk test facility
- ✓ Ability to isolate zones/sounder circuits
- ✓ High visibility blue LCD screen as standard
- ✓ Deeper version panel available if larger batteries required
- ✓ Full range of zone powered devices available
- ✓ Auto configuration for easy set up
- ✓ Safer than a traditional 2 wire/ conventional system as it tells you exactly where the event is - no time wasted searching a whole zone
- ✓ System already wired as a loop? No problem! Just select 'Loop Mode' in the panel

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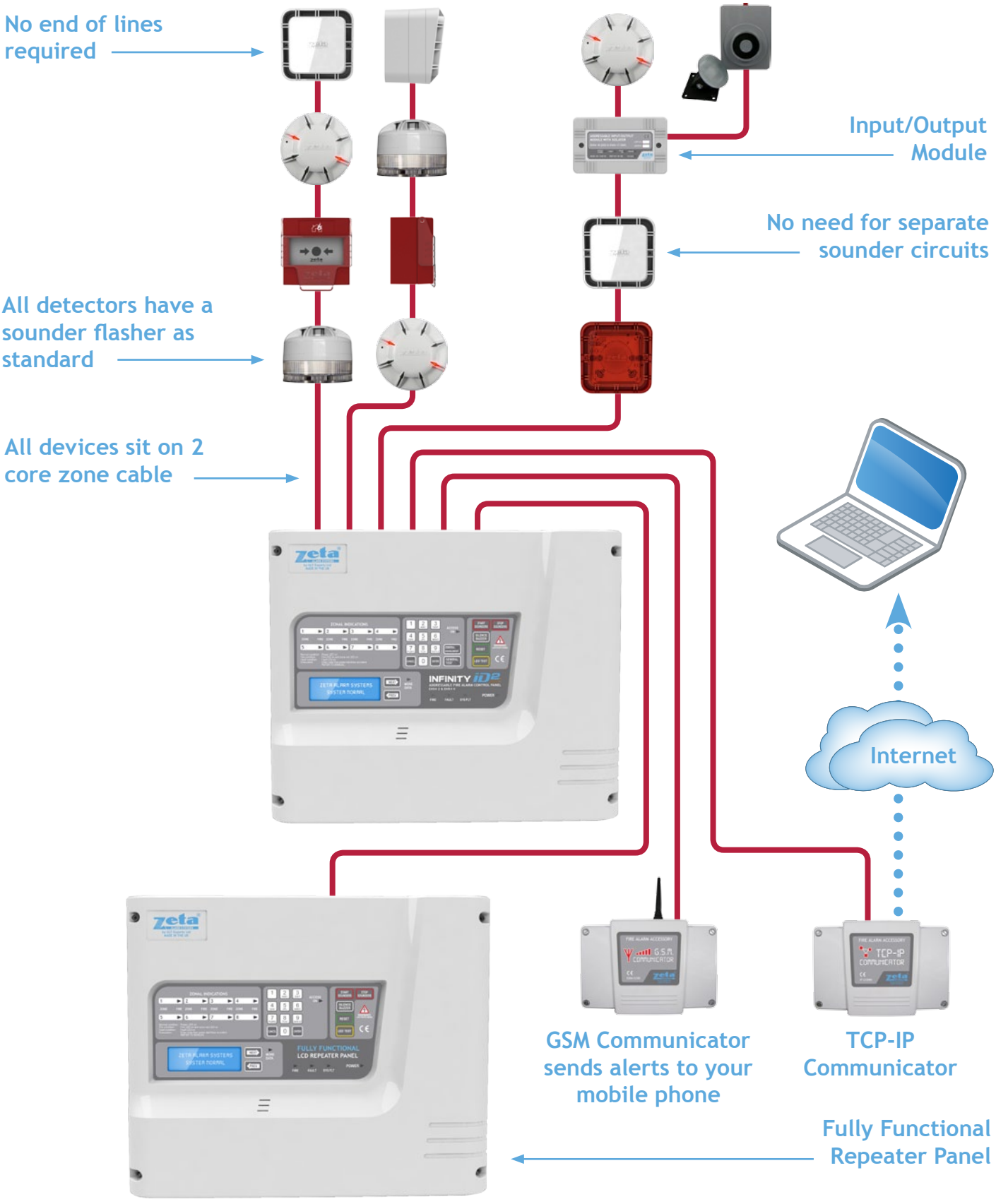


Infinity ID2 - Product Range

Panels		
ID2/2	37-660	Infinity ID2 - 2 Zone Fire Panel
ID2/4	37-661	Infinity ID2 - 4 Zone Fire Panel
ID2/8	37-663	Infinity ID2 - 8 Zone Fire Panel
ID2/2/D	37-665	Infinity ID2 - 2 Zone Fire Panel with Deeper Back Box
ID2/4/D	37-666	Infinity ID2 - 4 Zone Fire Panel with Deeper Back Box
ID2/8/D	37-668	Infinity ID2 - 8 Zone Fire Panel with Deeper Back Box
ID2/REP	37-669	Fully Functional LCD Repeater

Detectors & Call Points		
Fyreye MKII Detectors		
MKII-OP	80-200	Fyreye MKII Fyreye Optical Smoke Detector
MKII-HR	80-202	Fyreye MKII Fyreye ROR Heat Detector
MKII-HF	80-204	Fyreye MKII Fyreye Fixed Heat Detector
MKII-OH	80-206	Fyreye MKII Fyreye Opto-Heat Detector
Detector Bases		
ID2-SFB	42-654	Infinity ID2 Combined Sounder & Flasher Base
Manual Call Points		
ID2-MCP	43-640	Infinity ID2 Manual Call Point
ID2-MCP/WP	42-641	Infinity ID2 Weatherproof Manual Call Point

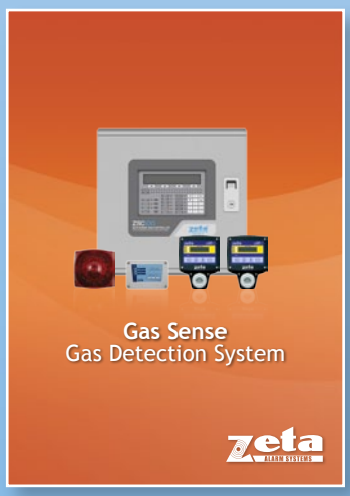
Sounders & Flashers		
Xtratone Range		
MKII-AXT/R	42-610	Zeta Xtratone Sounder, Red, Fyreye II Protocol
MKII-AXT/W	42-611	Zeta Xtratone Sounder, White, Fyreye II Protocol
MKII-AXTSF/R	42-612	Zeta Xtratone Sounder Flasher, Red, Fyreye II Protocol
MKII-AXTF/R	42-613	Zeta Xtratone Flasher, Red, Fyreye II Protocol

Communicators		
GSM-COM	48-900	GSM Communicator - 2 input, 2 output
IP-COM	48-905	TCP/IP Communicator in Enclosure

Interfaces		
ZAIO-M	48-109	Zeta Input/Output Module (MKII)

LED Remote Indicator		
MKII-ARL/W	48-034	MKII Remote LED Indicator (Wall Mounted)
MKII-ARL/C	48-033	MKII Remote LED Indicator (Ceiling Mounted)

Other Zeta Products



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Certificate number 330

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