

FIRE DETECTION SOLUTIONS

UL864 10th Edition

SHIELD[®]
TRUSTED WORLDWIDE



AURA[®]

SIGNALING



LISTED



LISTED



APPROVED



INTRODUCTION

Competence and innovation driven by consistent market development and customer requirements have shaped the successful development of the SHIELD Brand. The extensive product range of the market leader in the field of fire protection technology contains single, individually integrable system performances. In this way, a customized overall fire protection concept can be planned and realized for every need with optimally synchronized products.




Performance is in international demand, SHIELD is among the highly accredited fire protection companies that meet rigorous British and American standards for all projects from small conventional system to multi-site networks. Certifications such as UL and FM approvals have earned SHIELD a world-renowned reputation with quality products and powerful solutions.

A strong brand is generally known to be a secure basis for close and lasting customer relationships. In accordance with this, SHIELD uses available potential in order to keep on growing in a dynamic competitive environment. And at the same time, SHIELD stands for innovative and high quality fire protection systems.

Visit our website www.shieldglobal.com.


You can also send us your feedback and inquiry through our user-friendly online forms.

In line with SHIELD policy for continuous product development, SHIELD has the right to change specifications without prior notice. Images shown in this catalogue are for illustrations purposes only.

CERTIFICATE

This is to certify that



Shield Fire, Safety and Security Limited

Unit 3, Endeavour Drive
Bashford SS14 3WF
United Kingdom



has implemented and maintains a **Quality Management System**.

Scope:
Manufacture, Assembly, Testing and Delivery of Portable and Mobile Extinguishers, Fire Hose Reel, Lay Flat Fire Hose, Landing Valves, Breaching Inlets, Hydrants, Branch Pipes, Fire Blankets and Breathing Apparatus. Manufacture, Assembly & Testing of Grooved and Threaded Pipe Fittings & Valves for Fresh Water/Sea Water and Fire Fighting Equipment. The Testing and Assembly of ERW & Seamless Pipes. Assembly & Testing of Fire Alarm, Voice Evacuation and Emergency Light. Trading of Fire Fighting Gear (Suit, Hood, Gloves, Boots, Helmet) and Torchlights.


Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	20005627 QM15
Date of original certification	2016-10-25
Date of certification	2019-10-25
Valid until	2022-10-24





DQS Inc.



Brad McGuire
Managing Director

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AURA[®]



FIRE DETECTION SOLUTIONS

UL864 10th EDITION



ADDRESSABLE FIRE ALARM CONTROL PANEL

2 - 16 LOOPS (TOUCH CONTROL)



PRODUCT OVERVIEW

Shield AURA is designed as one of the most powerful, intelligent and technically robust fire alarm products available. It has enhanced integration and networking capabilities to meet the current and future needs of small to larger buildings and installations.

Initially configured as a fire detection and alarm system, the flexibility of AURA is such that it can be re-configured to realise many other control and indication applications, with direct integration into intelligent buildings.

Available in four and eight slot variants, AURA fire control panel ranges from two to sixteen detection loops and can be networked up to 128 panels, making it ideal for the largest sites such as schools, hospitals, multi-site retail/supermarkets, critical infrastructure and major commercial and industrial facilities.

Each AURA analogue addressable control panel gives installers and end-users maximum choice in their systems' design, and the scalable nature of the product provides the highest level of future-proofing and networking possibilities.

The modular nature of AURA allows all field wiring to be connected to a passive motherboard enabling addition, re-configuration or replacement of all electronic hardware

STANDARD FEATURES

- UL864 (10th edition) Listed.
- 2 to 8 loop or 2 to 16 loop versions.
- 400mA loop current.
- 7", full-color resistive touch screen with intuitive user interface.
- Supports multiple languages including English & Arabic as GUI (Graphical User Interface).
- Programming via USB port to PC or memory stick.
- 4 programmable NACs; Class B or 2 Class A with internal synchronization.
- 5.25 A or 10.25 A power supply options.
- 3 programmable inputs and 5 programmable relay outputs.
- Up to 24 programmable soft "function keys".
- Hard-wired fire and trouble routing inputs and outputs.
- Modular and expandable electronics.
- 400 sub-address points per loop (800 per loop module).
- Option to "invert" inputs and outputs.
- 5000 programmable cause and effects; over 50,000 inputs and outputs.
- Can be networked with programmable functionality.

without the need to disconnect any field wiring. This modularity also allows each panel to be customised with addressable loop detection circuits, conventional detection circuits, relay cards, additional sounder outputs or programmable I/O modules as required.

Not only does AURA provide solutions to the most technically challenging applications in life safety, it will also deliver added value, market advantage and a competitive edge to your business.



OPTIONAL PANEL PERIPHERALS

DUAL LOOP PANEL MODULE (AUL-9058)

The Dual Loop Panel Module monitors loop device status and provides status to the panel processor. It holds device configurations and operates in a standalone manner when catastrophic failures occur.

NETWORK MODULE (AUL-9023)

The AURA Network Module provides enhanced highspeed communication for networking fire control panels. The network provided by this module can support combinations of AURA Fire Alarm Control Panels and AURA Vision units. AURA Fire Alarm Control Panels can receive events from other panels in the network. The Class X networking used in conjunction with the Network Module provides tolerance against open and short circuit trouble conditions.

ZONE LED MODULE (AUL-9071)

The Zone LED module contains 48 LEDs and is connected to the LCD Main Processor Board of the AURA Fire Alarm Control Panel.

MEDIA GATEWAY™ PANEL MODULE (AUL-9088)

The Media Gateway Panel Module provides connectivity to monitoring centers using IP (Sur-Gard), or dial-up connectivity. The Media Gateway may also be used to meet integration application requirements.

16 CHANNEL I/O INTERFACE CARD (AUL-9072)

The 16 Channel I/O Interface enhances the versatility of the alarm system by providing additional input and output capabilities to the AURA Fire Alarm Control Panel. Inputs or outputs can be selected for up to 16 individual channels, and are configured in the same way as devices connected to addressable loops of the panel. The 16 Channel I/O Interface can be configured to contribute or act upon cause and effect logic.

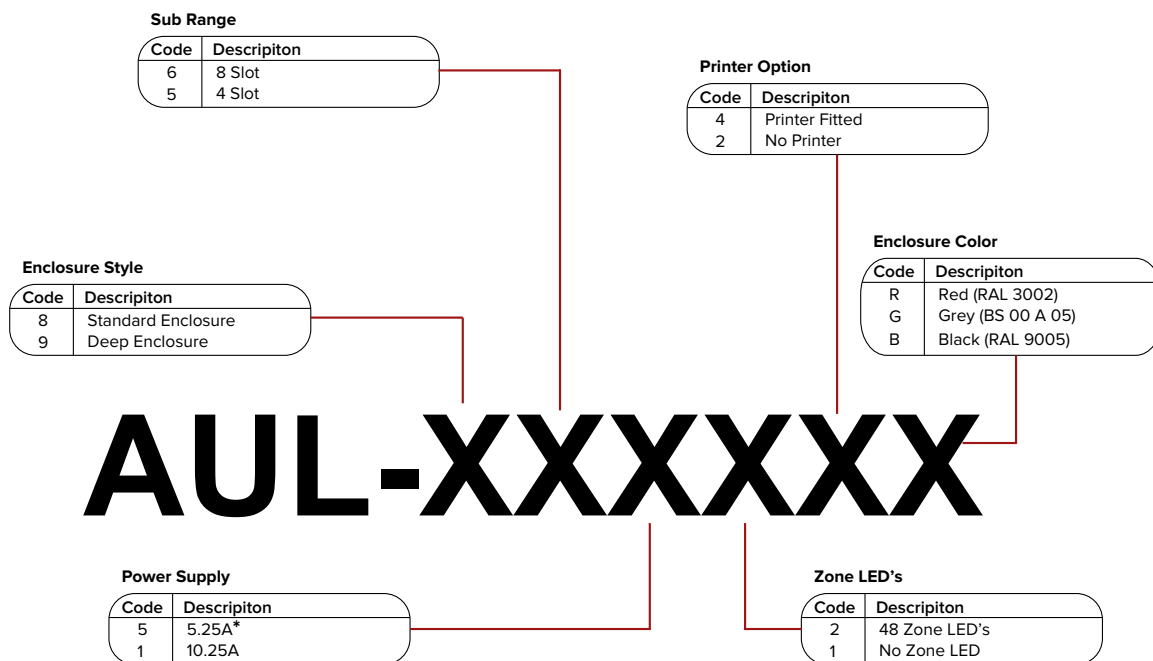
8 CHANNEL RELAY PANEL MODULE (AUL-9091)

The 8 Channel Relay Panel Module has 8 voltage-free changeover relay contacts, each of which can be individually programmed. All outputs are configurable in the same way as devices connected to the loops and all may be acted upon by cause and effect logic. These boards are typically used in applications which require more than the five standard relay outputs, such as signaling to other systems or plant control.

PRINTER (AUL-9068)

The AURA Printer is an optional feature for printing fire system events as they occur. The printer is located on the fascia, below the Zone LEDs (if present). It is a thermal printer and never requires replacement ink. Printing is performed on heat-sensitive paper rolls. A trouble message is reported when the paper runs out. The printer includes a front-loading feature for replacing paper rolls.

PRODUCT CODE CONFIGURATOR



*5.25A Power Supply suitable only for 4 slots standard enclosure AURA Control Panels.



AURA VISION REPEATER



AUL-91000R

COMPATIBLE EQUIPMENT & EXTRAS



Aura Network Card
(AUL-9023)

Aura Vision provides a means of allowing full display and optional control of the Aura Fire Alarm Control Panel from a small and unobtrusive local control station.

Based on an all new hardware and software platform, 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.

Aura 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.

For other annunciation and control applications, Aura Vision can be configured to provide customisable switches and indications for a host of fire system ancillary functions.

Aura Vision may be connected to the fire Control Panels' fault tolerant, ancillary RS485 bus or to the fire alarm panel fault tolerant network using standard, fire rated cable offering flexibility in system wiring.

Available in several standard formats, Aura Vision can be mounted directly onto a wall, be recessed using our quick-fix adaptor frame or fully flush mounted. Special enclosure finishes and colours are also available to match existing decor.

CONFIG. 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 sounder.
- Connections Via:
 - Control Panel RS485 bus.
 - Option to connect to Control Panel network.
- Low current, 24 Vdc powered.
- Slim compact construction.
- Configurable functionality.
- Configurable languages.
- Optional Enable key-switch.

ORDERING INFORMATION

Part No	Description
AUL-91000R	Aura Vision Network Repeater - Red (RAL3002)
AUL-91000B	Aura Vision Network Repeater - Black (RAL9005)
AUL-91000G	Aura Vision Network Repeater - Gray (BS 00 A 05)
AUL-9023	Aura Network Card

ADDRESSABLE FIRE ALARM CONTROL PANEL

Aura Display

Aura 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.

Resistive touch screen technology permits control functions to be available, even when wearing protective gloves.

Connectivity

The Media Gateway card plugs into one of the panel slots and provides connectivity to our servers using IP, GSM or Dial Up connectivity.

The Media Gateway card is also used to meet integration application requirements.

User Access

Access to the Aura menu and control functions is provided by a unique 6 digit pass code or by the optional enable control key switch.

Up to 64 individual login accounts can be configured, with different profiles and access permissions.

Powerful, Network wide Cause & Effects

Aura cause and effect capacity supports 5000 cause and effect entries, with up to 20000 inputs controlling 20000 outputs across the network.

The introduction of Groups in Aura allows rationalisation and simplification of the system configuration.

Support for up to 5000 groups and up to 50000 devices is provided.

Aura 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.

Zone Indicators

Up to 48 zone indicators plus panel printer are available.

Aura supports up to 2000 detection zones and zone indicators.



Power Supply Options

Aura is available with two power supply options, each available in 230V or 115V mains voltages.

- 5.25A (supports up to 60Ah batteries)
- 10.25A (supports up to 100Ah batteries)

Note: The standard enclosure houses 28Ah batteries and the deep enclosure houses 40Ah batteries.



Backlight Control

The built in light sensor allows the display backlight can be configured to follow the ambient light levels or automatically dim after a period of inactivity.

Event Log

A 9999 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 Aura.

Powerful filtering allows the log to be sorted by event type, between dates, by zone, by panel and by address.

Using the configuration program, the event log can be downloaded and stored as a comma separated values (csv) format.

Printer Option

A 40 character front loading thermal printer prints all events as they occur.

The printer can also be used to print all/selected event log entries.

Expansion Options

Aura I/O cards can be fitted in spare slots within the panel.

The family includes

- 8 way conventional detection board
- 4 way sounder output board
- 8 way volt free relay contact board
- 16 channel programmable I/O board



GRAPHIC SOFTWARE - VEGA



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.

VEGA, a powerful and sophisticated software solution gives building managers complete monitoring and control over fire detection, providing a comprehensive fire risk and incident management system.

It 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 also provides a full capability to monitor a Fire Alarm System for faults and alarms and allows the operator to easily manage a fire incident.

With Vega, operators and users are alerted to an event as soon as it occurs and are directed to the location of the event. No situation requires a more urgent response than a fire event. On a large public site, especially during busy periods, public safety is paramount.

Where time is of the essence, site managers can respond quickly and efficiently to a fire event. Vega plays a crucial role in safeguarding people, vitally important information and property.

THE DEFAULT ACCOUNTS ARE:

- Operator - Ordinary users of the system.
- Manager - Users who supervise the operators and as such have additional permissions and access. 2D GUI editing permitted.
- Maintainer - Users who maintain the system. Allows analogue value polling, control of outputs, fire panel operations, fire zone testing and additional maintenance facilities.
- Administrator - Users who are permitted to administer the system. Full system access permitted.

ORDERING INFORMATION

Part No	Description
VEGA-004UL	AURA Graphic Software - VEGA - 4 Panel Package
VEGA-016UL	AURA Graphic Software - VEGA - 16 Panel Package
VEGA-128UL	AURA Graphic Software - VEGA - 128 Panel Package

FIRE ALARM MANAGEMENT SOLUTION



AUL-85000

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.
- Configuration through embedded web server.
- 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).

The Shield fire alarm management solution 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, Modbus and message format using an IP connection.

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

Connection to the fire panel can be either RS232 serial data or up to 16 switched GPIO inputs from fire alarm panels. Provides building managers & service organizations instant updates on any faults & fire alarm activity, thus providing convenience and time-saving efficiencies.

ORDERING INFORMATION

Part No	Description
AUL - 85000	Fire Alarm Management Module
AUL - 85240G	Fire Alarm Management Module with housing (Grey) 240V AC
AUL - 85110R	Fire Alarm Management Module with housing (Red) 110V AC
AUL - 85240R	Fire Alarm Management Module with housing (Red) 240V AC
AUL - 9088	Media Gateway Card

ADDRESSABLE & CONVENTIONAL FIELD DEVICES



SIGNALING



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INTELLIGENT LOOP POWERED DETECTORS AND FIELD DEVICES

The Shield AURA provides a wide range of intelligent fire detectors and other field devices which are advanced in design and performance, offering unique features that benefit both the installer and the end user.

Detectors & Bases



S-A4011

Photoelectric Smoke Detector

- Incorporates an IR (infrared) LED and photo diode.
- Responds well to slow burning, smouldering fires.
- Well suited for bedrooms and escape routes.
- Unaffected by atmospheric pressure.



S-A4013

Heat Detector

- Incorporates a single open air thermistor bead.
- 135° static sensor.
- Well suited for warehouses, loading docks and parking garages.
- Remote test feature.
- Unaffected by wind or atmospheric pressure.



S-A4014

Multisensor Detector

- Incorporates both a photoelectric smoke sensor and a thermistor (temperature sensor).
- Ideal as a general purpose sensor that responds well to a wide range of smoke/fire types.
- Well suited for environments such as hotel bedrooms, warehouses & loading docks.
- Unaffected by wind or atmospheric pressure.



S-A4001

Standard Detector Base

- Standard Detector Base which is a low insertion force base with stainless steel contacts for the detector terminals.
- Fast and Easy to install.
- XPERT Addressing Cards are supplied with all bases.
- One way fit.
- Locking feature to prevent unauthorized removal.



S-A4005

Low Power Relay Base

- Low Power Relay Base incorporates a low power relay to control field equipment such as automatic door closers.
- Gives a set of voltage free contacts controlled by the remote output of a detector.
- Draws negligible current.



S-A4006

E-Z Fit Detector Base

- Fast and Easy to install.
- The E-Z Fit Base is a low profile 6" mounting base for SHIELD detectors.
- Device address setting readily visible once installed.
- High degree of protection against unauthorized removal.



S-A4008

Isolating Base

- Isolating Base senses and detects short circuit faults on loops and spurs.
- XPERT addressing.
- Base to detector locking mechanism.
- Up to 20 devices may be installed between isolating bases.



S-A4024

Sounder Beacon Base

- Loop powered sounder and beacon combined with a standard Intelligent mounting base.
- Two volume ranges 55-75 dB(A) and 75-91 dB(A).
- Beacon flash rate of once per second.
- Synchronization of 'alert' and 'evacuate' tones.
- Synchronization of beacon flash.
- Individual or group addressing.
- Unique acoustic and beacon self test.

Beacons & Sounders



S-A4021

Open Area Sounder

- Loop-powered.
- Self-test trouble monitoring.
- Two volume settings 92 dB(A) and 100 dB(A).
- Synchronization of tones.
- Individual and group addressing.
- Available in red or white.
- Integral self-check feature.
- IP65 rated.



S-A4025

Open Area Sounder/Beacon

- Loop-powered.
- 15 tone pairs.
- Sounder and beacon are independently configurable.
- Volume and tone settings are independently selectable from the control panel.
- Soft start option, ideal for hospitals and nursing homes.
- Group and individual control for increased response time.
- IP65 rated.

Pull Stations



S-A4061

Dual Action Manual Pull Station

- Control Panel Compatibility.
- Key lock.
- Easily resettable.
- LED visible even when Pull Station is closed.
- Redundancy to false alarm.
- Loop powered.

Intelligent Modules



S-A4042

Dual Priority Switch Monitor

- Contains two Priority Switch Monitor Modules on a single plate.
- Loop-powered.
- Fast response time.
- Interrupt facility.



S-A4043

Switch Monitor Module

- Switch Monitor Module is designed to monitor the state of one or more single pole, voltage free contacts connected and to report the status to SHIELD compatible analog control equipment.
- Three input states - 'normal', 'trouble', and 'alarm'.
- Visible LED.
- Loop-powered.



S-A4045

Switch Monitor Input/Output Module

- Switch Monitor Input/Output Module provides a voltage free, single pole, change-over relay output, a single monitored switch input and unmonitored, non-polarized opto-coupled input.
- Reports 'trouble', 'switch open' and 'switch closed' levels.
- Visible LED.
- Loop-powered.



S-A4046

Sounder Control Module

- Sounder Control Module monitors and controls the operation of a zone of conventional sounders and reports their status to the control panel.
- Allows sounders to be operated continuously or be pulsed, 1 second on, 1 second off.
- May be synchronized when in pulsed operation.
- Can also be used for public address speakers.
- Loop-powered.



S-A4049

120V AC Input/Output Module

- Loop powered device which incorporates a monitored input circuit for connection to dry contacts, as well as a 4A rated dry contact relay output.
- Visible LEDs.
- 4A rated dry contact.



S-A4050

Relay Output Module

- Relay Output Module provides a single 2-pole change over relay.
- Loop-powered.
- Can be placed anywhere on loop.



S-A4051

Isolator Module

- Detects wiring short-circuits using patented technology.
- Minimizes disruption from short-circuits.
- Automatic de-isolation on short-circuit removal.
- Up to 20 devices may be installed between isolators.

CONVENTIONAL NAC DEVICES



S-C8055

Conventional Horn

- Synchronize multiple horns in a complete fire alarm system.
- Intended for indoor use.
- Listed according to UL 464 (10th Edition).
- Low power consumption and long operating life.



S-C8056

Conventional Horn Strobe

- Multi-candela visual and audible signal appliances with light sources generated from white LED.
- Intended for indoor use.
- Listed according to UL 1638 and UL 464 (10th Edition).
- Six levels of light output are selectable.
- Low power consumption and long operating life.



S-C8057

Conventional Strobe

- Multi-candela visual signal appliances with light sources generated from white LED.
- Intended for indoor use.
- Listed according to UL 1638 and UL 464 (10th Edition).
- Six levels of light output are selectable.
- Low power consumption and long operating life.

BEAM DETECTOR



S-C5001

Alpha 5000 Auto Align Beam Detector

The Alpha 5000 System is an auto-aligning, self-correcting infrared beam smoke detector. Upto 2 detector heads can report to a single ground level controller. In addition, each system controller houses two pairs of fire and trouble relays, one per detector. Once the detector head is installed, using the easyfit mounting system an integral LASER can be activated. This allows the reflective prism to be located quickly and with confidence.

Auto-Align function ensures proper alignment and maximum signal during the beam installation. Auto Optimise automatically steers and maintains the beam in the optimum position for reliable performance. The signal generated in the transmitter element and reflected by the prism back to the receiver element is analyzed for the presence of smoke. The internal microprocessor determines an alarm condition when a predetermined level obscuration is reached.

- Upto 2 Detector Heads reporting to One Ground Level Controller.
- Built in Laser assisted prism mounting.
- Auto-Alignment 2 to 4 minutes per head.
- Auto Optimise: Auto-Correction due to building shift.
- Built-in electronic UL/ULC obscuration-acceptance fire test.
- Contamination compensation.
- Separate Trouble and Alarm relays for each of the 2 channels.
- Password protected settings.
- Programmable alarm thresholds: 10% - 60% in 1% increments.
- Programmable Fault and Alarm delay: 2-30 Seconds.



S-C3001

Alpha 3000 End To End Beam Detector

The SHIELD Alpha 3000 End to End infrared Optical Beam Smoke Detector (OBSD) has been designed using the latest optical technology, incorporating modern industrial, electronic and software techniques. This detector offers cost effective protection of large, open area spaces with high ceilings. It is also very suited to applications where access to ceiling mounted smoke detectors presents practical difficulties.

The SHIELD Alpha 3000 is ideal for applications where line of sight for the IR (infrared) detection path is narrow and where the building structure uses reflective surfaces. It has also been designed to be aesthetically pleasing and thus can equally suit modern architectural buildings as well as historical sites, particularly where ornate ceilings exist.

- Separate Transmitter and Receiver Heads.
- Range 5m to 120m, configurable per set of detectors.
- Lateral Spacing per NFPA 72 is 18 m.
- Integral Laser Alignment in Receiver.
- 2-wire Interface between Controller and Receiver.
- Single and Twin Channel capability.
- Separate Fire and Fault Relays per Detector.
- Low Level Controller with LCD display.
- Programmable Sensitivity and Fire Threshold.
- Automatic Gain Control (AGC) for drift compensation.
- Built-in electronic UL/ULC obscuration acceptance fire test.
- Knockouts for ease of installation and wiring.
- Optional Transmitter powering from Controller.



S-C1050 / S-C1100

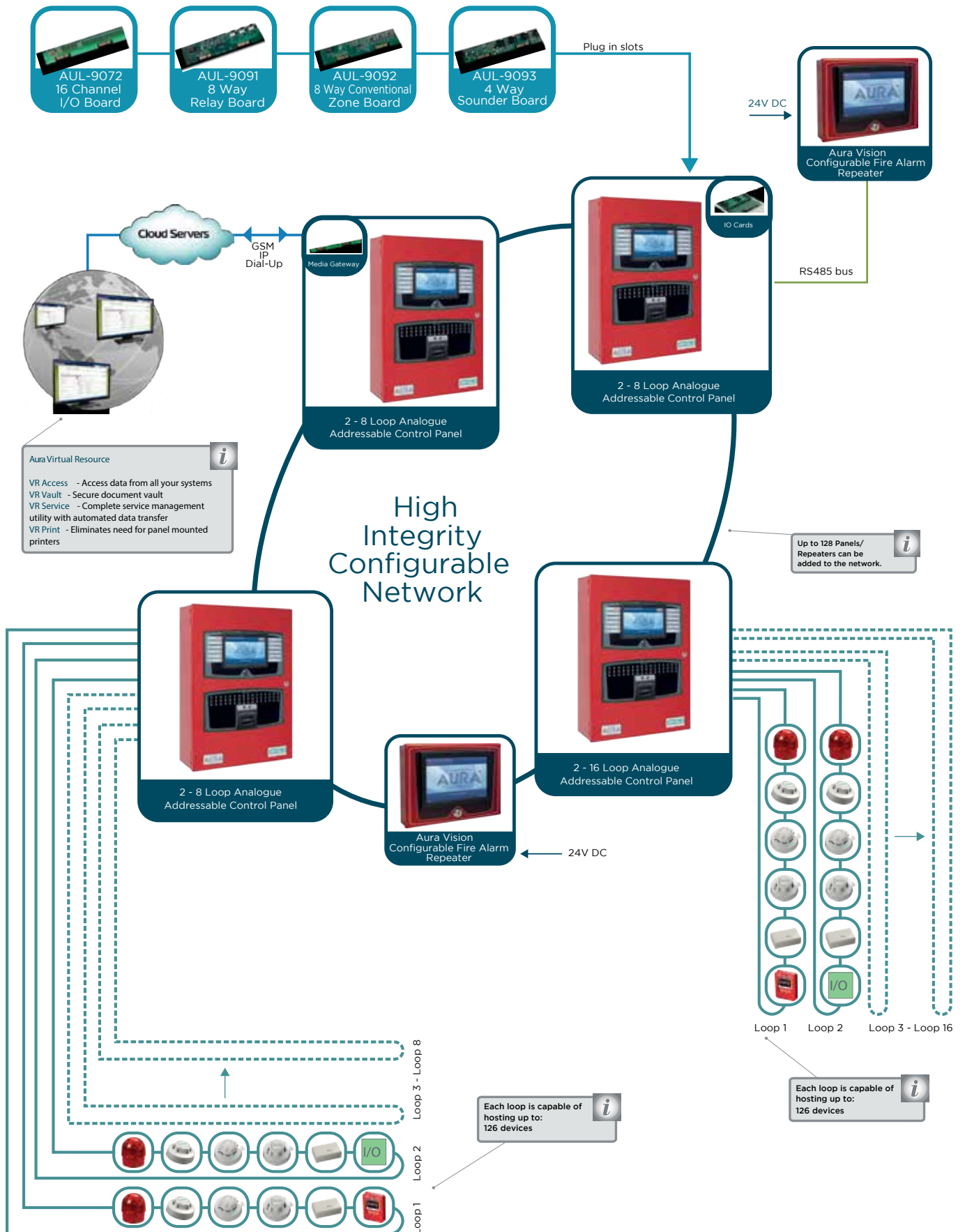
Alpha 1000 Reflective Beam Detector

The system comprises of a single unit incorporating an infrared transmitter and receiver. The signal generated in the transmitter element and reflected by the prism back to the receiver element is analyzed for the presence of smoke. The internal microprocessor determines an alarm condition when a predetermined level is reached.

The system is designed to be mounted so the beam will project between 0.5 m and 0.6 m below and parallel to the ceiling. Lateral detection may be up to 9.144m on either side of the beam, providing a maximum total coverage area of up to 19,800 square feet (18.29 m x 100 m).

- Easy set up and alignment.
- Single compact housing.
- Calibrated obscuration test filter included.
- Microprocessor controlled.
- Alarm latching or auto reset.
- Automatic gain control.
- 12 V DC or 24 V DC operation.
- Separate alarm and trouble contacts.
- Remote Test Station available.

AURA - NETWORK SYSTEM SCHEMATIC



ORDERING INFORMATION

Part No	Description
S-A4011	Photoelectric Smoke Detector
S-A4013	Heat Detector
S-A4014	Multisensor Detector
S-A4001	Standard Detector Base
S-A4005	Low Power Relay Base
S-A4006	EZ Fit Detector Base
S-A4008	Isolating Base
S-A4024	Sounder Beacon Base
S-A4021	Open Area Sounder
S-A4025	Open Area Sounder / Beacon
S-A4061	Dual Action Manual Pull Station
S-A4042	Dual Priority Switch Monitor
S-A4043	Switch Monitor Module
S-A4045	Switch Monitor Input / Output Module
S-A4046	Sounder Control Module
S-A4049	120V AC Input/Output Module
S-A4050	Relay Output Module
S-A4051	Isolator Module
S-C8055	Conventional Horn (Red)
S-C8056	Conventional Horn Strobe (Red)
S-C8057	Conventional Strobe (Red)
S-C7055	Conventional Horn (White)
S-C7056	Conventional Horn Strobe (White)
S-C7057	Conventional Strobe (White)
S-C8210	Conventional Horn, Horn Strobe, Strobe Base (Red)
S-C8211	Conventional Horn, Horn Strobe, Strobe Base (White)
S-C1050	Alpha 1000 Reflective Beam Detector (50 Meters)
S-C1100	Alpha 1000 Reflective Beam Detector (100 Meters)
S-C3001	Alpha 3000 End To End Beam Detector
S-C5001	Alpha 5000 Auto Align Beam Detector (8-100 Meters)
S-C5002	Alpha 5000 Auto Align Beam Detector (8-50 Meters)

ORDERING INFORMATION

Part No	Description
AUL-85512R/G/B	2 Loop Control Panel, 4 slot, Standard Enclosure, English, 5.25A 230V, Red/Grey/Black, No Printer, No LEDs, Aura
AUL-85522R/G/B	2 Loop Control Panel, 4 slot, Standard Enclosure, English, 5.25A 230V, Red/Grey/Black, No Printer, No LEDs, Aura
AUL-85524R/G/B	2 Loop Control Panel, 4 slot, Standard Enclosure, English, 5.25A 230V, Red/Grey/Black, Printer, 48 LEDs, Aura
AUL-85112R/G/B	2 Loop Control Panel, 4 slot, Standard Enclosure, English, 10.25A, Red/Grey/Black, No Printer, No LEDs, Aura
AUL-85122R/G/B	2 Loop Control Panel, 4 slot, Standard Enclosure, English, 10.25A, Red/Grey/Black, No Printer, 48 LEDs, Aura
AUL-85124R/G/B	2 Loop Control Panel, 4 slot, Standard Enclosure, English, 10.25A, Red/Grey/Black, Printer, 48 LEDs, Aura
AUL-95112R/G/B	2 Loop Control Panel, 4 slot, Deep Enclosure, English, 10.25A, Red/Grey/Black, No Printer, No LEDs, Aura
AUL-95122R/G/B	2 Loop Control Panel, 4 slot, Deep Enclosure, English, 10.25A, Red/Grey/Black, No Printer, 48 LEDs, Aura
AUL-95124R/G/B	2 Loop Control Panel, 4 slot, Deep Enclosure, English, 10.25A, Red/Grey/Black, Printer, 48 LEDs, Aura
AUL-96112R/G/B	2 Loop Control Panel, 8 slot, Deep Enclosure, English, 10.25A, Red/Grey/Black, No Printer, No LEDs, Aura
AUL-96122R/G/B	Loop Control Panel, 8 slot, Deep Enclosure, English, 10.25A, Red/Grey/Black, No Printer, 48 LEDs, Aura
AUL-96124R/G/B	2 Loop Control Panel, 8 slot, Deep Enclosure, English, 10.25A, Red/Grey/Black, Printer, 48 LEDs, Aura



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