TRIGA

Powered by **Honeywell**

SIGNALING

UL LISTED

FM APPROVED

The Complete Solution for
Fire Alarm & Emergency Communication

www.trigaglobal.com
www.axissafety.com.bd

The Complete Fire Solution

As the environment grows, a turnkey solution for fire protection & emergency communication is always a market need. With full functionality and flexibility, TRIGA offers you the power of choice with an end-to-end feature-rich product line of fire solutions.

Top to bottom line, TRIGA fits your requirements with confidence & proven reliability without sacrificing a safe and comfortable atmosphere for every life.

With technologically advanced fire sensors and modules, TRIGA ensures an uncompromised level of protection with cost effective and quality solutions to the need.

For Senior Centres, Assisted Living Facilities, Memory Care Facilities to Nursing Homes, Educational Institutions, Public Assembly Arenas & Other Office Facilities, TRIGA offers you the flexibility needed to tackle demanding applications.

Key Strength

Comprehensive Range of Field Sensors

Zero compromise on protection of life and property with versatile range of field sensors.

Distributed Intelligence

Flexible loop expansion of 2100 points over the network with zero limitation on SLC.
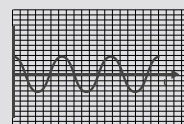
Expandable Network

Single peer to peer network of 32 nodes over 67,200 points & 64,000 watts of power.

Low Frequency Signaling [520 Hz]

Meeting the NFPA requirements through low frequency alarms.

Monitoring Over IP Network

Enhanced graphic softwares with auto navigation to monitor 6400 control units.

Seamless Integration
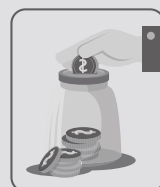
Supports BACnet and Modbus through field server.

Agency Listing

Certified to the latest UL standards and FM approved.

Cost Saving

Lower installation and maintenance cost.

The Power of Choice

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Intergrated Fire and Voice Control Panel

- UL 864 10th Edition & FM Approved.
- Point Flexibility of 2100 Points.
- Supports 2000W per system.
- Upto 64,000 Watts of power across the network.
- Amplifiers supporting 520Hz Low frequency.
- Distributed SLC Expander & Amplifiers throughout the field.
- Choice to configure 15 recordable one minute messages.
- Available in Red or Black cabinet.
- Enhanced Intelligent network monitoring over Graphics.
- Secured communication over Wired/Wireless multifunctional devices.
- Seamless Integration with BMS.

Addressable Fire Alarm Control Panels

- UL 864 10th Edition & FM Approved.
- Point Flexibility of 2100 Points.
- Distributed SLC Expander throughout the field.
- 318 Addressable devices per loop.
- Flexible addition of SLC loop expanders Via SBUS.
- User Friendly LCD display.
- Expandable to 32 node in network.
- Supporting over 67,200 points on a single peer to peer network.
- Choice of Copper, Fiber Connection in single network.
- Available in Red or Black cabinet.
- Enhanced Intelligent network monitoring over Graphics.
- Secured communication over Wired/Wireless multifunctional devices.
- Seamless Integration with BMS.

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Addressable Fire Telephone System

- UL & FM Approved.
- Reliable & Secure Communication.
- Active Communication of 10 Handset over the circuit at same time.
- Provides Supervision, Control & Annunciation to 72 Jacks in circuit.
- System Status LED's.
- Support two 24 Zone Extenders.

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The Choice of Intelligent Field Sensors

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Multi-Criteria Detector*

- Detects all 4 Major
  Elements of Fire
    - Smoke
    - Heat
    - Carbon Monoxide
    - Light / Flame
- Separate CO detection
  Signal.
- Dual LEDs for 360° Visibility.
- Meets the Latest
  UL 268 7th Edition,
  UL 521 & UL 2075
  Requirements.

SIGNALING UL **LISTED** FM **APPROVED**

Multi-Criteria Detector*

- Combines 3 Major sensing
  Elements
    - Smoke
    - Heat
    - IR
- Enhanced Sensitivity
  to Real Fire.
- High Ability to Reject
  nuisance particulates.
- Dual LEDs for 360° Visibility.
- Meets the UL 521 &
  Latest UL 268 7th Edition
  Requirements.

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Smoke/Multi Detector*

- Designed for Both
  Performance and
  Aesthetics with
    - Smoke Sensor
    - Smoke and Heat
      Sensors
- Enhanced Chamber
  to sense wide range
  of combustion sources.
- Dual LEDs for 360° Visibility.
- Meets the UL 521 &
  Latest UL 268 7th Edition
  Requirements.

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Heat Detector*

- Advanced Thermal
  Technology for Fast
  Response Sensors
    - Fixed Temp (135°F)
    - Fixed High Temp
      (190°F)
    - Fixed Temp (135°F)
      and Rate of Rise
      (15°F/minute)
- Sleek and Stylish
  Contemporary Design.
- Dual LEDs for 360° Visibility.

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Addressable Wireless Devices

- Suitable for all Commercial Applications.
- Secured and Reliable Bi-directional Communication.
- Redundant communication paths using Class A Mesh
  Network.
- Frequency Hopping to prevent system interference.
- Frequency Range (902MHz - 928MHz).
- Four gateways with 49 wireless devices each.
- Total of 196 Devices.
- Each wireless devices acts as repeater.
- 4 x CR123A Batteries required per device.
- Battery UL listed for 2 year of minimum operation.

Available in White and Ivory Variants.

Intelligent Power Supply & Notification Devices

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The TRIGA Series product line is the industry's most refined series of audible/visible notification appliances that simplify the specification, configuration and installation of fire systems.

The L-Series provides lower current draw, with a modern sleek design and has a variety of accessories including coloured lenses, bezel kits for alternate marking, surface mount back boxes and trim rings.

Intelligent Power Supply

• 6A of output power.

• Room to mount two SLC expander modules.

• 6 programmable I/O Circuits for:

  • Notification Appliance Circuits.

  • Conventional Initiation Circuits.

  • Auxiliary Power (For door holders, continuous or resettable power).

• 2 Form C programmable relays rated at 2.5A @ 24 VDC.

• Built-in synchronization for System Sensor, Wheelock, Gentex, and Faraday.

• Up to 6,000 foot wiring distance from the power supply.

• Large cabinet size to house 2 x 18Ah backup batteries.

Graphic Monitoring Software

The Graphic Monitoring Software used to monitor up to 200 addressable control panels (nodes) with accessories running on a standard PC workstation and Microsoft® Windows® Operating System.

The solution presents the user with an easy-to-use and attractive graphic user interface. It is fully customizable to adapt to a wide variety of monitoring situations and supports multiple operators monitoring all or a portion of local sites.

Key Features

• Monitors panels over IP Network.

• System Administrator-definable Profiles allow for extremely flexible definition of operator accounts.

• Plug-in architecture.

• Auto navigation (selectable for each device) automatically locates and zooms to the device related to an alarm or event based on the priority of the event.

• Utilizes existing building drawings exported to .wmf or .dxf formats.

• Monitor up to 6400 TRIGA Series Addressable Fire Alarm Control Panels.

Proven Applications

Education: Schools and Universities
Fire Alarm Systems That Work for Your Schools

- Cost effective non-proprietary systems for retrofit or new construction as existing wiring can be used.
- Systems that grow with schools and campuses.
- All-in-one Fire and Emergency Communication Systems for one simple on the wall solution.

Hospitality: Hotels, Entertainment and Restaurants
Effective Fire Protection for Guest Safety

- Ease of programming reduces installation time for small and large projects.
- Distributed power supplies enable more effective use of power for notifications.
- Protect room with just one or two devices on the wall providing low frequency notification, smoke, carbon monoxide detection and voice evacuation.
- From a single 75 point panel to a 32 node network with thousands of points.

Health Care Facilities: Clinics, Senior Living and Hospitals
Superior Life Safety for Healthcare Facilities

- Integrated Emergency Communication System in the fire alarm control panel simplifies installation and operation.
- Safe solutions for individual rooms offer flexibility and confidence.
- Minimized nuisance alarms with utmost detection accuracy using advanced detection solutions.
- With TRIGA's large point capacity systems you can have complete coverage of your facility and maintain ADA compliance.

Places of Assembly: Religious, Community and Sports Centers
The Right Emergency Systems for the Gathered Community

- Emergency Communication capabilities integrated with the fire alarm controls ensures the right message gets to the occupants.
- Functional system design allows flexibility to meet current and future facility needs.
- Highly reliable fire alarm system.
- The ECS control panel uses distributed amplifiers, enabling location of the amplifiers where the speaker circuits are located, eliminating long wire runs.

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