



CEASEFIRE

THE SMART RANGE

Fire Alarm and Detection Systems

www.ceasefire.in

DETECTION AND ALARM SYSTEMS

Conventional Fire Alarm System	
Conventional Panel	05
Mounting Base	05
Photoelectric Smoke Detector	06
Combined Heat Detector	06
Conventional Beacon	06
Combined Sounder/Strobe	07
Conventional Call Point	07
Beam Smoke Detector	07
IR ³ Flame Detector	08
Reflective Beam Smoke Detector	08
Addressable Fire Alarm System	
Control Panel	10
2-8 Loop Panel	11
Active Repeater Panel	11
Smartx Single Loop Control Panel	12
Photoelectric Smoke Sensor	13
Multi Sensor	13
Analogue Multi-Heat Sensor	13
Addressable Base Sounder	14
Base Sounder Beacon	14
Sensor Mounting Base	14
Addressable Manual Call Point	15
Network Driver Card	14
Short Circuit Isolator Base	15
Dual Input Module	16
Dual Sounder Controller	16
Powered Output Module	16
Dual Relay Controller (DRC)	17
Mains Relay Controller	17
Single Zone Monitor	17
Dual Circuit Zone Controller	18
Addressable Beam Smoke Detector	18
Uni Wireless Fire Alarm System	
Overview	20
Fire Detection Control Panel	21
Control Module	21
Loop Interface Card	22
RF Interface	22
RF Expander	22
Sounder- Wired	23
Sounder- Wireless	23
RF Detector	23
Monitor Module RF	24
Network Interface Card	24
Manual Call Point	24
Active Repeater Panel	25
Standalone Fire Alarms	
Smoke Detector-DT	27
Smoke Detector 1L	27
Smoke Detector 1LE	27
Ceasefire Design Cell	28
Ceasefire Advanced Intelligence Centre	29



DETECTION AND ALARM SYSTEMS

Ceasefire's range of Fire Detection and Alarm systems comprise of an extensive array of Highly advanced Addressable, Conventional, Wireless and Standalone systems that are designed to convert any premises into a 100% secure fire safe zone.

CONVENTIONAL FIRE ALARM SYSTEM

The conventional fire alarm system is a time-tested fire alarm system; this makes it one of the most reliable systems for ensuring fire safety of a premises. The Ceasefire's Conventional Fire Alarm System is a state-of-art system which comprises of a control panel and a range of fire detectors and devices interacting with it.

The conventional system divides the premises into distinct zones. Each zone has its own set of detectors & alarm systems.

The detection & alarm devices are spread across the premises and catch the early signs fire. In case of a fire incidence the system identifies the zone in which the fire has occurred.

Advantages of the Ceasefire Conventional Fire Alarm System:

- Ideal alarm system for small set-ups
- Identifies the zone in which the fire incidence has occurred
- A technological advantage over standalone detectors
- Detection devices are designed to detect actual fire instances only, decreasing the chances of fire alarms
- One of the most cost effective alarm solution
- Simple setup, no configuration required



DETECTION AND ALARM SYSTEMS

CONVENTIONAL PANEL



Available in 2, 4 & 8 Zone Conventional Panel

Features

- Fully certified to BS EN54-2 and BS EN54-4
- 2-wire and standard versions in 2,4 or 8 zones
- Compatible for use on BS5839: Part 1: 2013 installations
- 2-wire repeaters and ancillary boards
- Fully programmable
- Simple, single board construction
- Installer friendly
- Compatible with wide range of detection devices
- Installer friendly
- Compatible with wide range of detection devices
- Simple, single board construction
- Two monitored sounder outputs
- 3 Amp power supply
- Auxiliary power output

The CF-HFP CP range of conventional panels offer the same reliability, durability and flexibility already afforded by the CF-HFP FIREline range of control panels. 100% compatible with the complete CDX conventional range of products, the CF-HFP CP panels offer the installer complete flexibility and total peace of mind.

MOUNTING BASE



YBN-R/6

Features

- Integral remote indicator output
- Low Profile, only 8 mm
- Rugged design and electronics free
- Quick connections via square cable clamps
- Accepts 2.5 mm² cables
- Bayonet slot, low insertion force for detectors
- Also available in white or black

Conventional Detector Mounting Base is associated with the CDX Range of Detectors and Beacons and is fully compatible with the majority of existing conventional fire alarm control panels.

PHOTOELECTRIC SMOKE DETECTOR



SOC-E3N

It's a Conventional Photoelectric Smoke Detector which is fully compatible with the majority of existing conventional systems. A third terminal provides an integral remote indicator output.

Features

- Removable, High Performance chamber
- Automatic Sensitivity Window Verification (ASWV) – Drift Compensation Technology
- Remote Indicator output
- Wide voltage range (12 ~ 30 V dc)
- Low profile design with one piece outer cover
- Single fire LED - 360° viewing
- Range of mounting bases
- Approved by LPCB

COMBINED HEAT DETECTOR



DCD-AE3

Combined Heat Detector uses a thermistor and linearising circuit to provide an accurate linear response towards heat. A third terminal provides integral remote indicator output.

Features

- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30 V dc)
- Twin fire LEDs allow 360° viewing
- Range of mounting bases
- Approved by LPCB & VdS
- Also available in white

CONVENTIONAL BEACON



CLB-E

A Conventional Visual Indicator can be used on 24V Sounder Circuits. The unit is fitted with a Fresnel Lens and highintensity LEDs, a design which provides a highly visible flash. The casing exactly matches the CF-CDX Detector Range in shape and colour, providing seamless integrations.

Features

- High Intensity LED technology
- Colour-matched to existing Ivory and White detector and base ranges
- Fits standard CDX base (YBN-R/6)

DETECTION AND ALARM SYSTEMS

COMBINED SOUNDER/STROBE



CWSB-E or Banshee Excel lite

Combined Sounder/Strobe combines the properties of sounder and strobe into one unit. It is available in wide choice of lens to suit the majority of fire and security needs.

Features

- Robust design
- Low current consumption
- Easy to install
- Xenon beacon technology
- Maximum 110 dB(A) at 1 m (dependent on tone selected)
- 32 user-selectable tones
- Weatherproof – IP66

CONVENTIONAL CALL POINT



CCP-E

Conventional Manual Call Point is based upon the industry standard KAC world series housing. The unit can support either a 'Frangible Glass' element or a 'Non-Frangible Plastic' element.

Features

- Approved to EN54-11:2001
- Terminals can accommodate up to a 2.5 mm² solid conductor
- Other colours available on request
- Approved by LPCB

BEAM SMOKE DETECTOR



SPC-ET

Features

- 5 – 100 m range
- Automatic compensation
- Automatic signal strength adjustment
- Emitter unit can be powered directly from zone (or loop)
- Features a Latching or Non-Latching Fault Relay
- Can be interfaced onto ESP system via a CHQ-DZM or CHQ-SZM
- Full line continuity options
- Approved by LPCB & VdS

Conventional Beam Smoke Detector consists of an emitter and receiver that covers a distance of 5-100m providing a maximum coverage of 1500 sq. m. Featuring an automatic signal strength adjustment facility, it's also available with a latching or a non-latching relay.

IR³ FLAME DETECTOR



IFD-E

Conventional Infra-Red Flame Detector is designed to respond to low-frequency (1 to 15Hz) flickering IR radiation emitted from flames during combustion. The unit can discriminate between flames and spurious sources of radiation such as sunlight. I.S. and explosion-proof versions are also available.

Features

- Unaffected by convection currents, draughts or wind and solar-blind
- Tolerant of fumes, vapours, dust and mist
- Responsive to a flame more than 25m away
- Selectable response speed
- Class 1 performance as defined in BS EN54-10:2002 (on the high sensitivity setting)
- Optical self-test

REFLECTIVE BEAM SMOKE DETECTOR



Features

- **Range:** 5-40 m, 100 m with extension kits range is covered.
- **Automatic Compensation:** Automatic signal strength adjustment.
- **Direct Power:** Emitter unit can be powered direct from loop.
- **Approved by LPCB and VdS**
- **CFR Quality Assurance :** Built to Ceasefire's high standards, which are in compliance with international quality standards.

Conventional Reflective Beam Smoke Detector consists of an emitter / receiver unit and reflector plate that works over a distance of 5-40 m, 100 m with extension kits, providing a maximum coverage of 450 sq. m.

ADDRESSABLE FIRE ALARM SYSTEMS

Ceasefire's revolutionary Addressable Fire Alarm System is a best in class detection and alarm system to safeguard the fire safety of a premises. The system senses fire in the nascent stage & identifies the exact location of the fire. It is an amalgamation of a highly advanced control panel and an array of fire detection devices.

As the name suggests, this system is an addressable system i.e. each detection device of this system is identifiable. In case of a fire incidence when the alarm goes off, the main panel is able to trace the exact system component that has gone off thus enabling to track the fire location at the precise point so that there is no delay in firefighting.

This system is an ideal fire detection & alarm system for large premises that spread over a vast area.

Advantages of the Ceasefire Addressable Fire Alarm System:

- Identifies the exact location of the fire incidence
- Aids swift action to curtail fire
- Detection devices are designed to detect actual fire instances only, decreasing the chances of fire alarms
- Cost effective solution to early fire detection



DETECTION AND ALARM SYSTEMS

CONTROL PANEL



1-2 loops for HFP AP-AS

The CF-HFP FIREline range is the heart of Ceasefire's Fire Alarm Control Panel system. Operating under Ceasefire's world-proven ESP Protocol, these panels offer the same

Features

- 16 zonal LED indicators
- 2 programmable sounder circuits
- 5 programmable inputs
- 3 programmable relays
- 3A power supply
- Large graphic display
- Real time clock
- Certified to EN54-2/ EN54-4
- Up to 512 additional programmable I/O via HFP I/O modules *
- Powerful, network wide cause and effects *
- Sensitivity adjustment and Drift Compensation
- Can be networked with HFP control panels *
- Compatible with HFP and HFP AP-CRL repeaters *
- Stores 500 last events in event log
- Dial up modem connection available
- Compact, stylish enclosure
- Installer friendly, removable equipment chassis
- Different language and character set variants available
- Fully EN54-2 and EN54-4 compliant
- 1 or 2 loop versions as standard
- Larger enclosure available
- 0, 16, 48 or 96 zone indicators
- Network up to 64 panels/repeaters
- 4 programmable sounder circuits as standard
- 5.25 amp power supply to EN54 part 4
- Large graphic display
- In built help and alarm information screens
- Certified to EN54-2 / EN54-4
- Real time clock
- Supports loop powered sounders and beacons
- Sensitivity adjustment and Drift Compensation
- Soft-touch tactile buttons
- 2 programmable function buttons
- 3 programmable front panel mounted LEDs
- Improved Front loading printer (optional)
- Up to 512 programmable inputs/outputs per panel via 2 wire RS485 serial link (optional)
- Simple Windows® graphical configuration utility

2-8 LOOP PANEL



Addressable Beam Smoke Detector is a reflective beam Smoke Detector which features advanced motorised technology allowing it to self-align itself to the centre of the reflector when commissioning. Commissioning is a semi-automatic procedure where the unit aligns itself directly onto the centre of the reflector. Once commissioned the detector continually monitors alignment and will automatically realign itself back to the centre of the reflector if any building movement occurs.

Features

- Compliant with EN54-2, EN54-4
- 2 to 8 loop or 2 to 16 loop versions
- 500mA loop current
- 4 programmable sounder circuits each rated at 2.5 A
- 5.25 A or 10.25 A, power supply options
- 3 programmable inputs
- 5 programmable relay outputs
- Up to 512 programme Input/ Output 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
- Option to “invert” inputs and outputs
- Powerful, standard configuration templates
- Network up to 128 panels*
- Configurable via USB port to PC or memory stick
- 2 ancillary serial ports

ACTIVE REPEATER PANEL



The Repeater allows a full display and optional control of the fire alarm control panel from a small and unobtrusive local control station.

Features

- Automatic display brightness adjustment
- Silenceable internal sounder
- Low current, 24V DC powered
- Slim compact construction
- Configurable functionality
- Configurable languages
- Robust, full colour, 7" 800 x 480 touch screen graphical display
- Full indication of all information displayed at the Fire Control Panel
- Connection via RS485 Control Panel Network
- 24 programmable function buttons, selectable based on user account permissions

DETECTION AND ALARM SYSTEMS

SMARTX SINGLE LOOP CONTROL PANEL



smartX 132



smartX 116

SmartX is a single loop, analogue addressable control panel, based on the Ceasefire ESP protocol and targeted at small to medium installations.

Features

- One Loop Analogue Addressable control panels
- 2 Conventional Zones (Maximum 20 detectors per zone)
- Advanced ASR (Active Signal Reshaping) loop detector for improved noise immunity in harsh environments
- Day/Night operation, separate profile for each week day. Changes ESP Sensitivity and Alarm verification
- Manual add/remove of loop devices (easy search with Ceasefire part number)
- 2 Supervised Siren Outputs
- Siren pattern selection for on board (switched) and loop devices
- Storage of up to 2,000 log events
- Built-in communicator (Ademco Contact ID)
- System LED indications: Power, Fault, Alarm, Pre Alarm, Delay Active, Sirens Silenced, On Test

PHOTOELECTRIC SMOKE SENSOR



ALN-EN

Photoelectric Smoke Sensor incorporates Ceasefire'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.

Features

- Removable, High Performance chamber
- Twin LEDs allow 360° viewing – green when polling, turn red in fire
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Pulsing/non-pulsing controlled from panel*
- Approved by LPCB & VdS
- SIL Level 2 approved variants available
- Available in white

MULTI SENSOR



ACC-EN

Multi Sensor incorporates a thermal element and a High Performance photoelectric smoke chamber. It has three modes controlled from the Control Panel, allowing either the optical or thermal element or both to be active in making the fire decision.

Features

- User selectable modes
- Incorporates Optical & Heat elements
- Removable, High Performance Chamber
- Twin LEDs allow 360° viewing – green when polling, turn red in fire
- Pulsing/non-pulsing controlled from panel*
- Variable sensitivity
- Electronically Addressed
- LPCB & VdS approved to classes A1 & C
- SIL Level 2 approved variant available
- Available in white

ANALOGUE MULTI-HEAT SENSOR



ATJ-EN

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

Features

- User selectable modes
- Incorporates Fixed Temperatures and Rate of Rise Heat elements
- Twin LEDs allow 360° viewing – green when polling, turn red in fire
- Pulsing/non-pulsing controlled from panel*
- Electronically Addressed
- LPCB & VdS approved to classes A1, B & C
- SIL Level 2 approved variant available
- Available in white

DETECTION AND ALARM SYSTEMS

ADDRESSABLE BASE SOUNDER



YBO-BS

Addressable Loop-Powered Base Sounder provides 13 volume levels and 51 tones with a maximum output of up to 98dB(A) with low current consumption. The unit is designed to fit either the CF-YBN-R/3 or the CF-YBO-R/SCI Bases.

Features

- Loop Powered with Single Loop Address - addressed automatically by Control Panel or via the TCH-B100 Hand Held Programmer
- Variable Sound Output 50 ~ 98 dB(A) (± 2 dB(A)) output at 1 metre
- Fits Standard or Isolator Base and supports ESP Sensors, Addressable Beacons and Addressable Remote Indicator
- 51 User-Selectable Tones (all tones EN54-3 compatible)
- Auto-Shutdown feature prevents noise-pollution
- Approved by LPCB & VdS
- Also available in white
- SIL Level 2 approved variants available

BASE SOUNDER BEACON



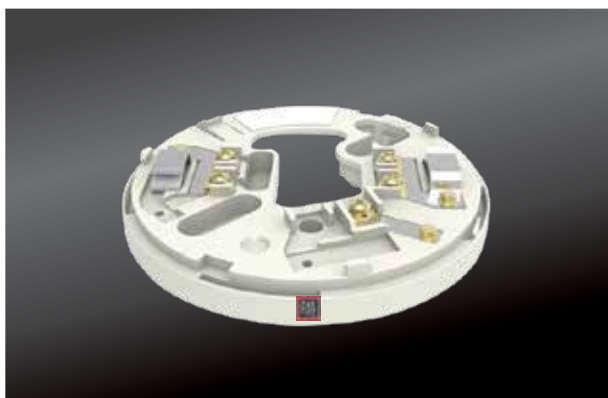
YBO-BSB2

Addressable Loop-Powered Base Sounder Beacon, provides 13 volume levels and 51 tones with a maximum output of up to 98dB(A) with low current consumption. The unit is designed to fit either the CF-YBN-R/3 or the CF-YBOR/ SCI Bases.

Features

- Single Loop Address - addressed via the TCH-B100 Hand Held Programmer
- Variable Sound Output 50 ~ 98 dB(A) (± 2 dB(A)) output at 1 metre
- Sounder and Beacon can operate independently*1
- 0.5 or 1Hz flash frequency*1
- Fits Standard or Isolator Base and supports ESP Sensors, Addressable Beacons and Addressable Remote Indicator
- 51 User-Selectable Tones (all tones EN54-3 compatible)
- Auto-Shutdown feature prevents noisepollution*
- O' Rated Beacon to EN54-23
- Available with Red or White LEDs
- Available with White or Ivory case

ANALOGUE COMMON MOUNTING BASE



YBN-R/3

Sensor Mounting Base is fully compatible with Ceasefire's ESP Range of Sensors. It's supplied with square cable clamps for secure and reliable cable termination, and is also capable of driving a remote LED if required.

Features

- Electronics free
- Stainless steel contacts
- Takes 2.5 mm² cables
- Slim profile - only 8 mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick Connection via square cable clamps
- Also available in white

ADDRESSABLE MANUAL CALL POINT



HCP-E(SCI)

Addressable Manual Call Point is fully compatible with Ceasefire's ESP Analogue Addressable Protocol and features Plug-in wiring terminals for easy installation.

Features

- Fast response
- Bi-coloured status LED (red for alarm, amber for short-circuit)
- Non-frangible element fitted as standard (conforms to EN54)
- Addressed with TCH-B100 Hand Held Programmer
- Surface or flush mounting
- LPCB Approved to EN54

NETWORK DRIVER CARD



Features

- **1.5 KM Coverage:** Offers coverage over 1.5 KM end-to-end distance
- **Terminating Resistor:** 150 Ohm terminating resistor in first and last panel
- **Network In and Network Out:** Network In and Network Out connections with special screen termination.
- **32 Nodes:** Maximum 32 nodes (up to 50 with optional buffer).
- **CFR Quality Assurance:** Built to Ceasefire's high standards, which are in compliance with international quality standards.

A network driver card offers 1.5 km coverage with Network In and Network Out connections and special screen termination.

SHORT CIRCUIT ISOLATOR BASE



Features

- Features integral SCI
- Easy to fit
- Slim profile
- Matches standard base colours
- SIL Level 2 approved variant available

Short Circuit Isolator Base is a sensor mounting base featuring an integral short-circuit isolator which will detect and isolate short-circuits on the loop. When a short-circuit is detected during power up the unit will drop the power to the rest of the loop.

DETECTION AND ALARM SYSTEMS

DUAL INPUT MODULE



CHQ-DIM2(SCI)

Dual Input Module is designed to interface to a variety of inputs such as door contacts, sprinkler flow/door switches and plant equipment.

Features

- Single Loop Address
- Loop Powered
- 2 Independent Inputs for Monitoring of Volt Free Contacts
- Each Input can be Configured to Monitor either
- Normally Open or Normally Closed contacts
- DIN-Rail version available
- Both models feature an integral SCI
- Both models approved by LPCB
- SIL Level 2 approved variant available

DUAL SOUNDER CONTROLLER



Features

- Single loop address
- Each alarm circuit fused at 1 amp
- Two independent sounder circuits, each fully monitored for open and short circuit faults
- Auxiliary monitored input
- Outputs can be driven continuously or synchronised pulsed sounder drive
- "Smart-Fix" housing system for flexibility
- Features an integral SCI
- Approved by LPCB

Dual Sounder Controller, which has been designed to provide two sounder outputs (that can be driven separately) with full fault monitoring.

POWERED OUTPUT MODULE



Features

- Supplies 24 VDC. at various current levels, 2 mA to 32 mA in increments of 2 mA
- User-selectable current output
- Includes two monitored inputs
- Small design, provides simple connectivity to ESP loop for thirdparty devices, such as IFD-E
- Colour-coded flying leads for simple installation

Powered Output Module is designed to supply a nominal 24Vd.c. at various, user-selectable current levels from 2 to 32mA (in increments of 2mA). The unit is small enough to be added to other third-party devices thereby allowing a range of equipment to be added to the ESP loop. The unit also features two monitored inputs.

DUAL RELAY CONTROLLER



Features

- Loop powered
- Single loop address
- 2 Independently controlled changeover relays
- Relays contact rated at 30 V dc at 1 A
- Auxiliary monitored input
- DIN-Rail version available
- Both models feature an integral short-circuit isolator
- Both models approved by LPCB
- SIL Level 2 approved variant available

Dual Relay Controller(DRC) designed to provide two general-purpose relay outputs, each output can be driven separately for control of such devices as dampers or for control of plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input.

MAINS RELAY CONTROLLER



Features

- Loop powered
- Single loop address
- Single mains rated relay contact
- Relay Contact Rated at 250 Vac @ 5 A (resistive) & 48 Vdc @ 2 A (resistive)
- Auxiliary monitored input
- DIN rail version available
- Both models feature an integral short-circuit isolator

Mains Relay Controller is a Single Input/Output Module, which provides a single, mains-rated relay output for the control of such devices as dampers, extractors or plant and equipment shutdown. The monitored input can be used for local power supply fault monitoring or as a general-purpose input.

SINGLE ZONE MONITOR



Features

- Loop Powered with Single Loop Address
- Up to 6 Conventional Detectors
- Remote LED Output
- Fully Monitored for Short and Open Circuit Faults
- "Smart-Fix" Housing System for flexibility
- Features an integral SCI
- Approved by LPCB, LR & GL

Single Zone Monitor is designed to allow up to 6 conventional detectors or 1 SPC-ET/SRA-ET beam detectors to be interfaced to Ceasefire's ESP Analogue Addressable system. It's also available as a DIN Rail mountable version, with or without an integral short-circuit isolator.

DETECTION AND ALARM SYSTEMS**DUAL ZONE MONITOR****Features**

- Single loop address
- Supports two independent zones of conventional detectors
- Both zones fully monitored for short/open circuit
- Requires an auxiliary 24V dc supply
- DIN rail version available
- Both models feature an integral short circuit isolator
- Approved by LPCB
- SIL Level 2 approved variant available

Dual Circuit Zone Controller designed to allow up to 60 conventional detectors (30 on each zone) to be interfaced to ESP analogue addressable system. The unit also features a Schottky Diode line continuity option, when used in conjunction with the optional LCMU.

ADDRESSABLE BEAM SMOKE DETECTOR**Features**

- Continually corrects itself against building movement
- Controlled and adjusted from ground level utilising included controller
- 5 – 40 m standard detection range
- Extensions kits available to enhance detection range up to 100 m
- Fully compatible with the ESP analogue addressable protocol

Addressable Beam Smoke Detector is a reflective beam Smoke Detector which features advanced motorised technology allowing it to self-align itself to the centre of the reflector when commissioning. Commissioning is a semi-automatic procedure where the unit aligns itself directly onto the centre of the reflector. Once commissioned the detector continually monitors alignment and will automatically realign itself back to the centre of the reflector if any building movement occurs.

UNI-WIRELESS

An ascent on its mission of increasing world's safety quotient Ceasefire Uni-Wireless System is a next level in fire detection & alarm system. It is a result of continuous R&D and cutting edge technology.

Ceasefire's Uni-wireless System is technologically advanced fire detection system. It is a wire free system. The detection, activation & signaling of the system are over wireless mode.

It can be easily integrated into an existing fire safety infrastructure without hampering day-to-day functioning in any way, ensuring that there's absolutely no downtime for the company.

Advantages of Uni-Wireless System:

- Ideal for heritage sites, temporary construction sites
- Wireless Solution
- Quick to install, Zero downtime in installation



DETECTION AND ALARM SYSTEMS

Uni-wireless system's Latitude Series of panel are a next generation panels that take fire detection and control to the next level.

This advanced detection technology ensures fire safety at the touch of a button. The control panel of the advanced Latitude Series comes with an optional REMote ACcess Tool – REACT Tool.

This tool enables the control panel to be operated remotely via devices such as a laptop, tablets or even a mobile phone. The authorized personal can check the system health and also take necessary action.

The REACT tool comes in four different license versions namely:

- Summary View Package:** The summary view indicates important system events like alarms, faults or activated outputs
- Detail View Package:** This view gives a detailed list of all the detector devices connected to the panel along with real time status of the devices
- Operation & Push Package:** In addition to the a complete list of all the detector devices connected to the panel and their real time status, this version enables the authorized personnel to control and operate the system remotely. This version of the software actively informs the events to the authorized personal through push notification, who can in turn can send out alert SMS and e-mail.
- Plan View Package:** This version presents a graphical view of the premises with the detectors/ devices shown as icons. The authorized personal can check the system health and the exact location of the fault and control the system from any part of the world through the click of a button.



FIRE DETECTION CONTROL PANEL



Intelligent Addressable Panel Expandable upto 8 Loops

Features

- Modular structure with flexible expandability
- Plug-in slots for 8 function modules
- Intelligent ringbus technology with 3 different loop protocols or addressable conventional technology
- Intuitive, menu-driven operation
- Clear event indication on spacious 1/4 VGA graphics display
- 3 expansion fields in the case front



Intelligent Addressable 1 loop, Non-Networkable

Features

- Compact unit with integrated loop interface
- Intelligent ringbus technology with 3 different loop protocols
- Can be expanded with fire brigade interface, conventional detector interface or serial interface
- USB and IP interface
- Event indication and operation via parameterisable LED button field



Intelligent Addressable 1 loop, Networkable

Features

- Compact unit with integrated loop interface
- Intelligent ringbus technology with 3 different loop protocols
- Can be expanded with fire brigade interface, conventional detector interface or serial interface
- USB and IP interface
- Intuitive, menu-driven operation
- Clear event indication on spacious 1/4 VGA graphics display

CONTROL MODULE

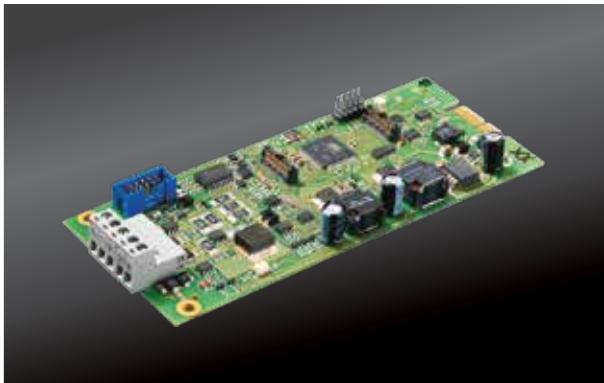


The Control Module is an output module for hassle-free controlling of remote third-party equipment such as smoke dampers, door closers and gas shut-off valves.

Features

- Optimised for use in extinguishing systems.
- Supply supervised for undervoltage.

LOOP INTERFACE CARD



The loop interface card runs on intelligent analogue ringbus technology and varies with the protocol being implemented:

Features

- Selectable loop protocol for different detector brands
- Up to 318 elements on the loop
- “Plug & play” during operation
- Pluggable screw terminals
- Integrated “In-circuit” measuring function for convenient loop evaluation
- Maximum loop current 500mA
- 8 parameterisable outputs

RF INTERFACE



RF-Interface ensures reliable, secure connection between the field devices and control panel.

Features

- ADM loop technology with Labor Strauss/700 protocol
- Up to 32 detectors, modules or signalling devices can be controlled
- Configuration through menu or PC software
- Range of RF transmission max. 200 m, more than 3 km with RF Expanders
- Two orthogonal antennas for safe radio communication

RF EXPANDER



RF-Expander boost the transmitted signal when covering out-of-range areas of the RF-Interface, allowing you to configure systems of virtually any size.

Features

- Up to 32 detectors, modules or signalling devices can be controlled
- Configuration through menu or PC software
- Configuration through PC software
- 2 orthogonal antennas for safe radio communication
- 7 bi-directional data channels
- Range of RF transmission is 200 metres; can be boosted to over 3 kms with RF Expanders

SOUNDER - WIRED



Features

- **Power Saving:** Designed for low current consumption. Installer.
- **Friendly:** Easy to install.
- **Ip66 rated:** IP code (Ingress protection) classifies and rates the degrees of protection provided against dust and water.
- **112dB(A) at 1 Meter:** The sound level is 112dB at a distance of 1 meter.
- **Configurable Tones:** Offers 32 user-selectable tones. CFR Quality.
- **Assurance:** Built to Ceasefire's high standards, which are in compliance with international quality standards

This unique sounder comes with adjustable volume levels and multiple tone settings. It's available in red or white colour options and can be supplied as weatherproof variants for use outside or in hostile environments.

SOUNDER - WIRELESS



Features

- Bi-directional digital communication with RF Interface
- 3 tone types selectable
- Sound level adjustable
- High range of radio transmission – up to 3km
- Long battery life – up to 5 years
- Base and batteries included

The wireless sounders are suitable for areas where cabling is impossible or uneconomical. The Radio Sounders communicates with the fire detection control panel via a loop RF Interface or a conventional RF Interface.

RF DETECTOR



Features

- Bi-directional digital communication with RF Interface FI700/RF/W2W
- Optical Smoke Detector
Optical-Thermal Detector
Thermal Detector
- High range of radio transmission – up to 3km
- Long battery life – 5 years
- Base and batteries included

The Automatic RF detectors are especially suitable for areas where cabling is impossible or uneconomical. There are three detectors namely:

- **Optical Radio Detector:** It aids early detection of a wide-spectrum of smoke aerosols generated by the majority of fires
- **Optical-Thermal Radio Detector:** It has a combination of optical sensing chamber for smoke detection as well as a thermal rate-of-rise detection unit. The double modes of detection ensures a high immunity to false alarms.
- **Thermal Radio Detector:** The detector detects and reacts to a sudden rise in temperature as well as to a maximum temperature of 58°C.

DETECTION AND ALARM SYSTEMS

MONITOR MODULE RF

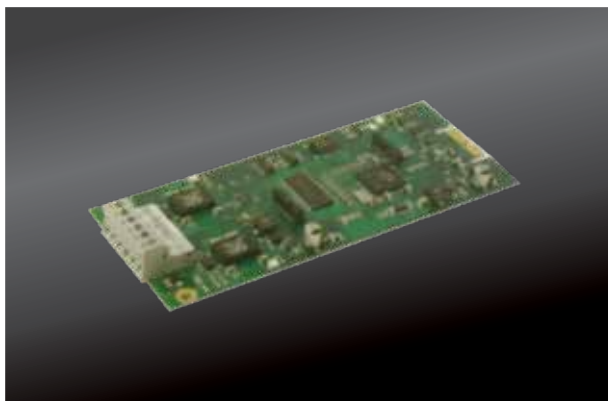


The Monitor Module serves as a connection between the line-monitored contact detectors and fire detection system.

Features

- Bi-directional digital communication with RF Interface
- Line-monitored input
- High range of radio transmission - up to 3km
- Long battery life - up to 5 years
- Batteries included

NETWORK INTERFACE CARD



The network interface is used for networking the sectional control panels of a control panel.

Features

- Independent microprocessor to maintain the network communication even at system fault of control panel
- Full function of the networked control panel in the event of a single wire breakage on the ring-shaped network line
- Status LED's indicate network communication

MANUAL CALL POINT



As the name suggests, this hi-tech device can manually override the audio visual devices. To be used only in times of emergency, Ceasefire's Manual Call Point works in integration with the entire system, ready to come to the rescue 24x7.

Features

- **Fast Response:** Designed to facilitate fast response during an emergency.
- **Approved by LPCB and VdS:** This product is certified and approved by Loss Prevention Certification Board (LPCB) and VdS.
- **Colour Options:** Available in numerous colour options to suit the application.
- **Optional Mounting:** Surface or flush mounting.
- **Status LEDs:** Status LEDs give you visual clarity about system and security status at any given point
- **IP54 Rated:** IP (Ingress Protection) Code classifies and rates the degrees of protection provided against dust and water.
- **CFR Quality Assurance:** Built to Ceasefire's high standards, which are in compliance with international quality standards.

ACTIVE REPEATER PANEL



Features

- Remote tableau of a Fire Detection Control Panel
- Intuitive, menu-driven operation
- Clear event indication on spacious 1/4 VGA graphics display
- Event indication and operation, either for individual areas or for the complete fire detection control panel
- Permanent monitoring of the data communication in the network

The Remote Display and Operation Panel is a remote tableau for the operation of a Fire Detection Control Panel and for the indication of its events.



STAND ALONE FIRE ALARM SYSTEMS

Continuing the philosophy of customizing fire safety to best suit the needs of a premises, Ceasefire in addition to the host of fire alarm and detection systems also has a range of stand-alone fire alarms.

These stand-alone units can be adapted into any system or space to address the specific fire safety needs of the premises. Standalone fire alarms are independent systems and do not require any external power source nor do they require a panel to function.

Advantages of the Ceasefire Stand Alone Alarm Systems:

- Ideal for temporary structures, small offices and storage spaces
- Conspicuous advantage over manual guarding of premises against fires
- Detection devices are designed to detect actual fire instances only, decreasing the chances of false alarms
- One of the most cost effective alarm solution
- Simple setup, no configuration required



DETECTION AND ALARM SYSTEMS

SMOKE DETECTOR-DT



Features

- Two sensors detect smoke from both smoldering and flaming fires
- Engineered to reduce false alarms from cooking smoke or steam
- Loud 85-decibel alarm is designed to be heard easily
- Single test/silence button for simple operation
- Battery-powered fire detector installs anywhere with no wiring required

The Dual-Sensor Smoke and Fire Alarm provides early warning of both flaming and smoldering fires. Additionally, its intelligent sensing technology senses the difference between the real fire and false alarms. A single button can be used to mute and test the smoke detector. The battery-powered fire detector can be easily installed anywhere without wires.

SMOKE DETECTOR 1L



Features

- Smoke alarm excels at detecting smoke from flaming fires
- Ionization smoke-sensing technology with enhanced smoke-gathering design
- Loud 85-decibel alarm is designed to be heard easily
- Smoke detector features single test/silence button for simple operation
- Side-load battery compartment and theft-prevention lock

The Smoke Alarm features ionization smoke-sensing technology with a contemporary enhanced smoke-gathering design. Ionization sensors offer optimal smoke detection from flaming fires. The 85-decibel alarm is designed to be loud enough to be audible enough.

SMOKE DETECTOR -1LE



Features

- Smoke alarm excels at detecting smoke from flaming fires
- Ionization smoke-sensing technology with enhanced smoke-gathering design
- Loud 85-decibel alarm is designed to be heard easily
- Smoke detector features single test/silence button for simple operation
- Side-load battery compartment and theft-prevention lock

The Ionization Smoke Alarm with escape light is an ideal choice for essential smoke detection. This smoke detector uses ionization smoke-sensing technology with an enhanced smoke-gathering design that is great for detecting smoke from flaming fires. Convenient single-button operation lets you silence false alarms and test the alarm to ensure it is working.

CEASEFIRE DESIGN CELL



No two premises are alike. By offering the most flexible system configurations in the industry, Ceasefire provides the most efficient protection for facilities. Believing that the most effective solutions are the ones that are customised according to the unique characteristics of the area being protected, Ceasefire has established the Ceasefire Design Cell (CDC).

Functioning as the single touch point for all safety needs, CDC is manned by fire experts and managers with years of experience in safety under their belts. As a part of Ceasefire's 360 degree protection solution, the Ceasefire Technical Survey team visits your facility and conducts a detailed study to understand its vulnerabilities and requirements.

They survey the premises and work out requirements by taking dimensions and the size of the transformer and other fire threats in the area. The entire data is passed to the Ceasefire Designer Cell, which designs the complete system comprising the components, detection mechanism, delivery mechanism and delivery lines.

The design is then reviewed by the Technical Team and the BOQ/BOM is prepared. Once the blueprint for the safety system has been finalised, Ceasefire's expert Installation Team oversees installation and testing.

The Ceasefire Team also trains you and your staff to use the safety system. Post installation, the Service Team maintains and services the system through Intensive Ceasefire Care Unit (ICCU).

Benefits:

- An exhaustive planning process, executed by engineers with years of experience
- State-of-the-art solutions and products in association with world leaders
- Design and installation overseen by professionals, ensuring delivery of a high quality, reliable product

CEASEFIRE ADVANCED INTELLIGENCE CENTRE



Other companies build R&D labs. We built an entire complex.

We know that technology can't be confined or strapped down. It needs space to build and grow. The new Ceasefire Advanced Intelligence Centre is an industrial-size ideas and technology hub. It houses the biggest firefighting innovations the world has ever seen, and some yet to be discovered.

Fuelled by technology and passion, every day at the Centre is an adventure. Sometimes it's small, like a first render. At other times it's huge, like a successful test. But either way we look at it, every day is another step forward in the way we save and protect lives and property.

Today, we have more than 400 lifesaving products under our portfolio, and offer 360 lifesaving fire and safety solutions to over 3,000 new customers every month. A Ceasefire sells every 61 seconds. And every 9 minutes, a Ceasefire saves a life.

We're equipped and ready to protect you.



Download the Ceasefire app.



Ceasefire Industries Limited,
Plot No. 4, Second Floor, Sector - 135,
Noida - Greater Noida Expressway,
Noida - 201 301, Uttar Pradesh (India)
t +91 120 7154114 f +91 120 7154115

Call our Free Hotline :
1800 120 3473 / +91 9540 666 666
or call +91 120 4223473

www.ceasefire.in

Follow us on:

