



FIRE ALARM SYSTEM

E.R.T.L (North) Tested
as Per IS:2189/1999



|
Protecting **Property**
Saving Lives

CONVENTIONAL SENSORS

Photoelectric Sensing Technology



**Smoke Detector
(AS-601-SD)**

- Power supply polarity free input
- Infrared photoelectric sensor
- Dust proof, mothproof, anti-light interference design
- Stainless steel shield in chamber, anti-RFI (20V/m - 1GHz)
- MCU processing, eliminate false alarm
- Network relay output / LED indicating alarm
- SMT manufacture technology, high stability



**Smoke Detector
(AS-601-SD-POLO)**

- Power supply polarity free input
- Infrared photoelectric sensor
- Dust proof, mothproof, anti-light interference design
- Stainless steel shield in chamber, anti-RFI (20V/m - 1GHz)
- MCU processing, eliminate false alarm
- Network relay output / LED indicating alarm
- SMT manufacture technology, high stability



**Heat Detector
(AS-602-HD)**

- 9-35VDC wide operating voltage range
- LED flashing visible in 360 degrees direction, power supply non-polar input
- Remote LED indicator output (2 wire)
- Dust proof, mothproof, anti-light interference design
- Combination rate-of-rise temperature alarm
- MCU processing, eliminate false alarm
- Low standby current
- Anti-REI & Anti-EMI



**CO Gas Detector
& LPG Gas Detector
(AS-611-CO/A), (AS-612-LPG/A)**

- When the CO concentration level in the air reaches the presetting alarm level, The sensor goes in alarm mode red led start glowing in normal mode green led blink.
- Portable CO Gas detector
- Healthy & Alarm
- Inbuilt LED indication
- Attractive look
- LPG Gas Detector is suitable for kitchen applications



**Photo Thermal
Multi Criteria
(AS-607-PTH)**

- PTH Multi Criteria detector with base, remote output available, can be connected with any make conventional fire alarm panel
- 9-35 VDC wide operating voltage range
- Remote LED indicator output (2 wire)
- Dust proof, mothproof, anti-light interference design.



**Stand Alone Detector with
External Sounder
(AS-608-SD/SA)**

- The unit is having an external sounder with db level
- Test unit's electronic circuitry horn and battery function
- Blinking power indicator
- Battery Operated
- Low Battery Indicator
- Missing battery Guard
- Ideal for Cooking areas - Reduces unwanted alarms



**Carbon Monoxide Gas
Detector (AS-611-CO) &
LPG Gas Detector
(AS-612-LPG)**

- When the CO concentration level in the air reaches the presetting alarm level, the sensor goes in alarm mode - an inbuilt sounds will be activated & a LED start glowing.
- Portable CO Gas detector
- Healthy & Alarm
- Inbuilt LED indication
- Inbuilt sounder

DIGITALLY ADDRESSABLE FIRE ALARM PANELS

Main Features

- Modular concept
- Simple robust design
- Intuitive to use
- Easy to maintain
- Easy to expand
- Easy to network
- Easy to install
- Easy to configure



PX16E



FX4E

Technical Features

- Advanced microprocessor based Digital Addressable
- 2 - 64 Zone digitally addressable zones
- Each zone supports 32 Addressable devices (any combination)
- Supports ASES addressable MCP, Monitor Module & ZMU
- 20 Character field programmable point text for each Sensor
- 40 x 2 Character LC Display
- Networkable / Stand Alone Models
- Peer to Peer networking up to 27 main panels & 4 repeaters
- Zone wise sounder circuit
- Event Logging with RTC
- TCP/IP Based Remote Monitoring (Optional)
- PC Based Software for easy monitoring (Optional)
- Field Programming through ATX Keyboard
- All Zone wiring circuits are supervised
- Operates on 220V 50Hz Ac Mains Power
- 24V DC Stand-by with built in charger
- RS 485 port for Repeater Panel

Technical Specification

Primary Power
220V AC, +/- 10% 50Hz

Stand By Power
24V DC

Operating Temperature 0°C - 55°C

Zone Circuits
Normal Operating Voltage : 19-23.7 V DC
Alarm Current : 18-50mA (Zone Lines)
End of Line Resistance : 4K7, 1/4W

Relay Rating
Pot Free for Fire : 2 Amp @ 24V DC (max)
1 Amp @ 120V AC (max)



PX32E



CONVENTIONAL FIRE ALARM PANELS



Precision SI

- 128x64 Graphical Display
- Expandable upto 72 Zones
- Inbuilt Real Time Clock
- Data Logging upto 500 Events
- Trickle & Fast Charging Facility

Fire Scan SI

- 16 x 2 character LCD display facility
- 2/4 Zone Fire Alarm Panel
- Inbuilt battery charger
- Reverse Battery Protection
- Compatible with any make Smoke & Heat Detector

Repeater Panel SI

- RS 485 repeater for main panels
- LED indications for alarm & fault
- No separate wiring required
- Small in size
- Zone wise repeating

Specification	Precision SI	Fire Scan SI	Repeater Panel SI
Power I/P	230 V AC / 24V DC	230 V AC / 24V DC	24 V DC
Housing Colour	White	White	White
No. of Zone	16 Zone	4 Zone	Customised
End of Line	4K 7Ω	4K 7Ω	NA
Power Consumption	30 Watt/200 Watt (Normal/Fire)	30 Watt/200 Watt (Normal/Fire)	30 Watt @ 24

CONVENTIONAL FIRE ALARM PANELS



Precision

- New attractive look
- zone wise LED indication
- Advance Micro controller based FAP
- 8 to 48 Zone Expandable
- 16 x 2 character LCD Display

SI-FIRE SCAN

- Fully Confirm IS 2189.
- TCP/IP compatibility for BMS/CMS
- Zone Wise Fire Fault LED Indication.
- Zone Wise Isolation Facility.
- Auto Dialer Attachable Facility.

Rover (Repeater Panel)/Data Logger

- RS 485 repeater for main panels
- Fire contacts available
- LED indications for alarm & fault
- No separate wiring required
- Small in size & Zone wise repeating

Specification	Precision	Fire Scan	Rover (Rep.Panel)/Data Logger
Power I/P	230 V AC 24 V DC	230 V AC / 24V DC	24 V DC
Housing Colour	Simens Gray / Red	White	Red / White
No. of Zone	8 to 48 Zone	2 to 4 Zone	Customised
End of Line	4K 7Ω	4K 7Ω	NA
Power Consumption	45 Watt/450 Watt (Normal/Fire)	30 Watt/200 Watt (Normal/Fire)	30 Watt

CONVENTIONAL / SPECIAL FIRE ALARM PANELS



IRIS - Micro Controller Based

- Fully Confirm IS 2189.
- Zone Wise Fire Fault LED Indication.
- Zone Wise Isolation Facility.
- Auto Dialer Attachable Facility.
- Inbuilt Buzzer.

Delta (Gas Release Panel)

- System On, AC fail, silence visual indications
- Battery Low & Common fire/fault indications
- Gas Inhibition and Instant Release Facility
- Actuator Pressure Low Sensing
- UP/DOWN switch for delay time setting

Sprinkler Annunciation Panel

- Fully Microprocessor based Digital Panel
- 2 to 200 Zone expandable facility
- Zone wise window facility
- Fully confirm to IS 2189
- Flashing Window Indication

Specification	IRIS-Micro Controller Based	Delta (Gas Release Panel)	Sprinkler Annunciation Panel
Power I/P	230 V AC / 24V DC	230 V AC 24 V DC	230 V AC / 24V DC
Housing Colour	Off White / Red	Simens Gray	Red / Grey
No. of Zone	2-8 Zone	2 to 8 Zone	2 to 200 Zone
End of Line	4KS	2K 2Ω	NA
Power Consumption	45 Watt	20 Watt/100 Watt (Normal/Fire)	20 Watt/100 Watt (Normal/Fire)

SPECIAL FIRE ALARM PANELS



Fire Bus

- Inbuilt MCB & Hooter with single zone FAP
- Battery charger & Battery backup facility
- Small size, light weight, cylindrical shape
- System healthy, fire A.C. fail indications
- External Hooter & MCB connectivity facility



Single Zone Fire Alarm Panel

- Battery charger & Battery backup facility
- Small size, light weight, cylindrical shape
- Compatible with up to 18 smoke detector & 5 MCP
- System off, system normal, system silence facility
- System healthy, fire indications facility



Blizzard (Security Panel)

- Hi speed micro controller based fire, intruder, temperature panel
- Fire Zone, Intruder Zone, temperature sensing zone panels
- 16 x 2 character LCD facility (optional)
- Smoke detector, Magnetic door contact, RTD Rod connection

Specification
Power I/P
Housing Colour
No. of Zone
End of Line
Power Consumption

Fire Bus
230 V AC / 12 V DC
Red Body
Single Zone
4K 7Ω
10 Watt/200 Watt (Normal/Fire)

Automatic Fire Alarm Panel
230 V AC / 24V DC
Red/ White Body
Only Single Zone
4K 7Ω
20 Watt/200 Watt (Normal/Fire)

Blizzard (Security Panel)
230 V AC / 48 V DC
White
(1 + 1 + 1)
4K 7Ω
20Watt/200Watt (Normal/Fire)

MASTER CONTROL UNIT / POWER SUPPLY / GSM AUTO DIALER



Master Control Unit

- Inbuilt Hooter with Flasher
- Small in size & light weight
- System healthy monitoring
- Manual system test option



Power Supply

- High efficiency, High reliability, Low cost.
- AC input voltage range 150Vac to 265Vac.
- Built-in EMI filter.
- Low Ripple and Noise.



GSM Auto Dialer (Smart & Intelligent)

- Micro-controller based GSM speech and SMS dialer.
- 2 Alarm inputs - Intrusion and Fire.
- 2 separate Speech / Voice messages (Intrusion and Fire).

Specification
Power I/P
Housing Colour
No. of Zone
End of Line
Power Consumption
Weight (without Batt.)

Master Control Panel
230 V AC/24 V DC
Red/White Body
Single Line
NA
30Watt/200Watt(Normal/Fire)
2.5 Kg. (1 Zone)

Power Supply
160 V AC to 260 V AC
White / Grey
NA
NA
Max. Load Current 5.0A. Max.
4.5 Kg.

GSM Auto Dialer (Smart & Intelligent)
12V / 24V DC
Grey
9 numbers can be added
NA
30/110mA (Normal/Dialing)
500 gm

TALK BACK SYSTEM WITH ACCESSORIES



TB-SU-SPX



TB-SU-DPX



BH-MS-MHST



TB-JC-DPX-MS



TB-Master Console

- Customized Talk Back master station
- Used for two way communication
- Duplex type talk back with connectivity
- 5 to 50 Zone expandable
- Simple operation (Number Dialing Facilities)
- Talk back panel as per IS standards
- Best used in multistoried building

Specification	TB-SU-SPX / BH-MS-MHST	TB-SU-DPX / TB-JC-DPX-MS	TB-Master Console
Power I/P	12 V DC / 24 V AC / 100 V AC	30-40 V DC	230 V AC 12 V DC
Current Consumption	5 Watt	8 Watt	30 Watt
Housing	M.S.	ABS / M.S.	M.S.
Weight	1.5 Kg.	1 Kg.	Customized

PA & TALK BACK SYSTEMS WITH FIRE ALARM PANELS

- Micro Processor based modular design, plug in type solid state
- Expandable up to 2 to 99 zone Fire Alarm Panel
- Zone wise fire, open, short indication & sound (LED & LCD Display)
- Associate with P.A. System, Talk Back System, Auto Dialer etc.
- Battery Charger & Battery Box facility
- Mains, AC fail, Ref. Battery, Fuse Blown, Fault Isolate Indication
- Compatible with any make Smoke & Heat Sensor
- Tested by ERTL as per IS : 2189
- Zone wise selector with all call facility (Micro controller based with display) Gooseneck Microphone attached

Micro Processor Based Automatic Fire Alarm Panel with P.A. System

Specification	Microprocessor Based Automatic Fire Alarm Panel
Power I/P	230 V AC 24 V DC
Housing Colour	Red Body
No. of Zone	2 to 50 Zone
End of Line	4K 7Ω
Power Consumption	100Watt/500Watt(Normal/Fire)
Weight (without Batt.)	15 Kg. (2 Zone)
Dimensions (mm)	Customized
Detection o/p Supply	24 V DC
Hooter o/p Supply	100 V AC
P.A. System	Ahuja/ Bosch



MANUAL CALL BOX



BG-M.S.-II

BG-ABS-II

BG-M.R.

BG-M.A.

BGH-ABS-9DC

Anti Theft Alarm (AS-AT-CY)

Battery operated Sounder and MCP, designed to alert you and your family to the dangers of smoke and fire.

Battery Operated alarm, an effective way to stop vandalism, misuse or theft of fire extinguishers.

Specification	BG-M.S.-II	BG-ABS-II	BG-M.R./BG-M.A.	BGH-ABS-9DC	AS-AT-CY
Power I/P	24 V DC	24 V DC	NA	9 V DC	9 V DC
Current Consumption (Normal / Fire)	NA / 30MA	NA / 30 MA	NA / 30 MA	160mA	160mA
Housing	M.S.	ABS	ABS	ABS	ABS

RESPONSE INDICATORS



RI-ABS-MSB

RI-PS-MW

Specification	RI-ABS-MSB	RI-PS-MW
Power I/P	24 V DC	24 V DC
Current Consumption	5 MA	5 MA
Housing	ABS + MS	ABS

FIRE ALARM HOOTER / STROBE



Hooter Low Intensive (H-M.S.-II)

Electrical Siren (SR-1KM)

Hooter with Flasher (H-M.S.-III)

Hooter with Strobe (H-ABS-V)

Hooter ABS Body (H-ABS-II)

Speaker ABS Body (H-ABS-III)

- Extra Hi-Intensive sound (upto 120dB)
- Tested by ERTL as per IS : 2189
- Best uses in sound polluted areas
- Available in three different tones
- Available in electrical operation

- Hooter with strobe type flasher
- Fire Alarm in new attractive look
- Different colors are available
- Connector is plug in type
- Different tones are available

- Fire Alarm in New attractive look
- Different colors are available
- Different tones are available
- Connector is plug in type
- Suitable for Malls, Restaurants, Banks etc

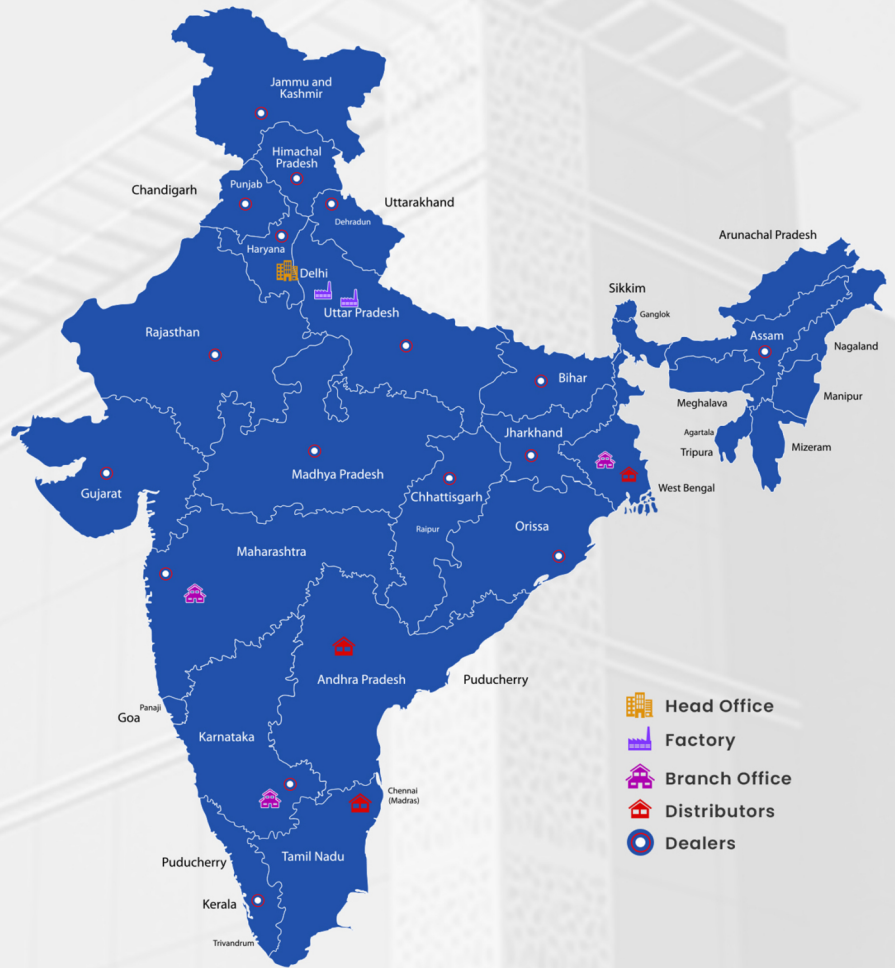
- Fire Alarm in New attractive look
- Different colors are available
- Different tones are available
- Connector is plug in type

Specification	H-M.S.-II/H-M.S.-III	SR-1KM	H-ABS-V/H-ABS-II/H-ABS-III
Power I/P	100 V AC / 24 V DC	220 V AC / 24V DC	12 V DC / 24 V DC
Sound O/P	120 dB / 100dB / 100dB	100/80 dB	110 dB
Current Consumption	480 MA / 250 MA / 2A	350 MA	250 MA / 110 MA
Housing	MSSheet/MSSheet/Alu.DieCast	MS Sheet/ABS Body/ABS Body	ABS Body

Mapping Our Growth

ASES have round the India presence with five offices with service center- Delhi, Ghaziabad (UP), Kolkata, Mumbai and Bangalore.

ISO 9001:2015



01
Sahibabad Indl. Area

Product Range

ASES offers following Fire Products under the Brand name ASES.

- Analog Addressable Fire Alarm Panel
- Digitally Addressable Fire Alarm Panel
- Conventional Fire Alarm Panel
- Special Fire Alarm Panel
- Talk Back System with Accessories
- Manual Call Box
- Response Indicators
- Fire Alarm Hooter/Strobe
- Exit Emergency Lights
- Signages



02
Greater Noida

International Brands with ASES