



Always On Alert.

Fire & Burglary Alarm Systems



Godrej Security Solutions presents an advanced range of **fire & burglar alarm systems**. With high tech, intelligent features, these alarm systems can detect everything from an unauthorized entry, to smoke, to heat, to a gradual or sudden rise in either. This comprehensive range has products for all environments, and varied applications.

FI-WARN ADVANCED FIRE ALERTING SYSTEMS

Fi-Warn is a range of advanced fire alerting systems. It is a multi-protocol, networkable alarm system, with a range of loop powered intelligent addressable detectors and devices. It offers multiple levels of redundancy. Fi-Warn has a wide range of applications, from small medium businesses (SMB), to large industrial areas. Fi-Warn complies with VdS and EN-54 standards.

GODREJ FI-WARN 1800 SERIES

GFW 1800 series of panels are a state of the art, networkable and completely modular range of advanced addressable fire alarm systems. GFW 1800 series offers multi-protocol loop cards, which enables users to select different analogue addressable detectors based on the requirement. The panel checks the loop for short circuits, wire breaks and can detect earth fault of the shielding, thus offering high reliability.

The panel offers superior redundancy in operation, at multiple levels.



APPLICATIONS:

- Commercial: hospitality, high rise residential buildings, banks, IT parks, malls
- Industrial: medium and large scale facilities, energy segment (oil, gas, power)
- Government: critical Infrastructure and Important government assets.
- Transport: airport, railways, metros.

FEATURES:

- Advanced Central Processing Unit: 32-bit
- Loop card for addressable detectors: Modular nature of the panel, gives the user the flexibility to expand. Each loop can be connected with 126 detectors and devices
- Loop card for conventional detectors
- Redundancy: Critical applications that require high up-time.

- Panel offers redundancy at multiple levels, thus resulting in a very fast system up-time
 - CPU
 - Loop card
 - Network
- Power supply, through battery back-up
- Fi-Warn is EN-54 compliant & VdS certified

STANDARD FEATURES:

- 320 character display
- Expandable upto 18 loops or 2268 detectors/devices, per panel
- Event memory upto 10000 messages
- Robust metal housing with touch control panel
- Up to 63 repeaters (GFWD1520-01) can be connected to a single 1800 series panel over RS 485

NETWORKING:

The networking for Godrej Fi-Warn 1800 series is unique, due to the multi master ability, which leads to a continuously running network, even if the master node fails.

- Network capacity support for 128 nodes
- Total of 16128 detectors/devices available in fully loaded panel network
- Fully redundant network can be obtained through redundant network card

GODREJ FI-WARN 200 SERIES

GFW 200 series is an easy to use, addressable fire alarm system. The panel has been specifically designed and developed to suit small and medium applications for the Indian market. GFW 200 series panel provides flexibility, for connecting different detectors.

APPLICATIONS:

BFSI (Banking Financial Services and Insurance) Small and Medium offices, schools, colleges and retail.



FEATURES:

- Easy to install plug and play system
- 320 character display
- Supports multiple protocols
- One loop expandable to two loops
- 250 programmable zones
- Loop supporting 126 detectors/devices
- Robust metal housing with touch control panel
- Integrated with ATD
- Fi-Warn complies with EN-54 & VdS Standards

DETECTORS & DEVICES:

1. MULTI-CRITERIA DETECTOR (D-MC)

- Combination of photoelectric & heat elements are used to detect fire
- 5 modes of operation & user selective sensitivity are provided to achieve reduced false alarm rates
- IP44 rated



2. OPTICAL SMOKE DETECTOR (D-PE)

- Works on the light scattering principle
- User selective sensitivity is provided to achieve reduced false alarm rates
- IP23 rated



3. FIXED TEMPERATURE HEAT DETECTOR (D-H55)

- Fixed temperature heat detected at 55°C using single NTC thermistor
- It operates within the temperature range of -20°C to 70°C
- IP53 rated



4. INDOOR MANUAL CALL POINT (M-MCP-ID)

- Easy access, front reset mechanism
- IP54 rated
- Certifications – VdS, EN54, LPCB



5. OUTDOOR MANUAL CALL POINT (M-MCP-OD)

- Easy access, front reset mechanism
- Front facing addressing
- IP67 rated



6. DETECTOR BASES (B-STD, B-ISO & B-SOU)

- The bases are loop-powered, polarity sensitive, and sets the associated device address
- Available as Standard (B-STD), Isolating (B-ISO) & Sounder Bases (B-SOU)



B-SOU



B-STD



B-ISO

7. OUTDOOR ADDRESSABLE SOUNDER (A-S-OD)

- Two volume settings: 92 dB (A) and 100 dB (A)
- Built-in isolator
- IP65 rated



8. OUTDOOR SOUNDER VISUAL (A-SV-OD)

- Two volume settings 92dB (A) and 100dB (A)
- Built-in isolator
- IP65 rated



A-SV-OD



A-SV-ID

9. INPUT/OUTPUT INTERFACE (I-I/O)

- It provides 2 inputs and 2 outputs, enabling multiple functionality
- The input cum output interface is fitted with a bi-directional short-circuit isolator



10. OUTPUT INTERFACE (I-OP)

- The output interface has 2 relay outputs
- It is fitted with a bi-directional, short circuit isolator



11. ISOLATOR DEVICE (I-ISO & I-SV-ID)

- Detects wiring short circuits & minimizes disruption from short-circuits
- Up to 20 detectors or their equivalent load, may be installed between isolated sections



I-ISO



I-SV-ID

EAGLE

Eagle is a unique and effective electronic alarm system, which protects your premises. With its advanced features, you can safe guard your property, and ensure complete peace of mind, at all times.

FEATURES:

- Intelligent sensors and detectors sense any alarm condition and signal it to the panel
- Can be connected to the hooter and the paging speakers in your home
- Automatic telephone dialing* (ATD) feature automatically calls up pre-fed numbers in the event of an emergency alarm
- Audio and video indications
- Different audio tones for fire and burglary
- Tamper proof alarm systems
- Open/short circuit detectors in the fire zone and speaker wire cut detectors
- 3 zones with 1 dedicated fire zone, 20 detectors per zone
- Arm and disarm mode helps you put the alarm on and off as per your needs and convenience
- Battery backup of 36 hours in case of power failure** with an automatic switch to the battery when power failure takes place and switch back when power is restored
- Low battery indication ensures you're warned well in advance

* A dedicated landline is required within the premises.

** The number of backup hours and the number of sensors and the distance between the sensors and the control panel.



DRAGON

Dragon is a conventional fire alarm system, designed to suit Indian conditions, as per the IS 2189 guidelines. With its intelligent features, and top of the line technology, Dragon ensures your property is fire-proof at all times. Expandable from 4 zones to 24 zones. CE Certificate from ERTL (Electronics Regional Testing Laboratory).

COMPATIBLE CONVENTIONAL DETECTORS:

- Combination detectors
- Beam detectors
- Manual push button stations



POWER:

- Primary Power - 150 V AC to 270AC
- Standby Power - 24 V DC maintenance free rechargeable battery
- Battery Charger - Fully automatic with maximum of 700mA charging current
- Operating Voltage - 24 V DC regulated supply

PANEL INDICATORS:

- AC ON - Presence of AC mains input
- AC FAIL - Presence of AC mains input has failed
- Battery ON - Shows that the system is running on battery
- Low battery - Glows If the battery voltage is less than 20 V
- AC Fuse Blown - Shows if the AC mains fuse has blown
- Earth Fault - Shows that System Earthing is not proper
- System ON - Shows that system is healthy and free from alarm or fire condition
- Fault - Glows when any of the fault condition occurs
- Hooter Wire Cut - Glows if any of the hooter wires have been cut
- Zone Fault Condition - Glows if an open/short circuit occurs in the zone loops
- Walk Test Key - If a detector is triggered, the hooters will sound, and automatically reset in 6 seconds
- Silence Key - Provided to temporarily silence the panel buzzer
- Reset Key - Provided to reset the panel to normal condition
- Lamp Test Key - Provided to test whether all the critical indicators available are in good condition or not
- Drill Key - Used to manually initiate all the sounders