

FREQUENTLY ASKED QUESTIONS[FAQ]

1. What is Enose[I]?

Enose[I] is an Industrial grade LPG detector,connected to an LMS or ALERTone system.

2. What is the sensing area of an Enose?

The sensing area of an Enose is 50 Sq. feet.

3. How is the Enose detector powered?

The Enose[I] is powered from LMS/ALERTone system.

4. What is the supply rating of Enose detector?

The Enose[I] detector works from 13 VDC,0.25A supply. The consumption is less than 2 Watts.

5. Can the system work, when the AC mains fail?

Yes. The system can be powered from a generator OR UPS of suitable rating. Please note that the Enose is not battery backed.

6. What is the type of sensor used in Enose?

The sensors used are high quality Imported Japanese make.

7. Does the Enose do any self diagnostics?

Yes,the Enose does system checkup and calibration during start up. This takes about 5 minutes. LED flashes during calibration and stops when ready for surveillance.

8. Does the detectors require any field calibration?

No. The Enose[I] detectors are microcontroller controlled, and does the calibration automatically, during the power up. It takes around 5 minutes for this operation.

9. Does the detector smell the LPG?

No. The Enose detects the hydrocarbons contained in LPG and when exceeds calibration value, sends the Alarm data to the Master.

10. Can the sensitivity of detectors varied, as desired at site?

Yes. The sensitivity of Enose detectors can be varied as desired, but only factory set in firmware.

11. Any caution to be taken for using the Enose detectors? Yes. Please note the following:

- a. Do not expose to smoke and cooking fumes, for better operation.
- b. Do not use water for cleaning. Only wipe with dry cloth.
- c. Avoid exposure to alcohol or petroleum compounds, which could trigger the alarm on continuous exposure.
- d. Switch OFF the Enose detectors, when using insecticides.

12. How is the Enose mounted?

The Enose detector is wall mounted, on a single screw.

13. Where is the Enose mounted?

The Enose is mounted on wall, about 3 feet from the stove, cylinder, about the same level.

14. Is it advisable to give an external enclosure for the Enose detectors?

No. This would trap the LPG traces inside the extra enclosure and give unwanted continuous alarms.

15. How does the Enose function?

When the Master system is switched ON, the Enose[I] detector starts flashing and power LED glows steady. When ready, the flashing LED is OFF and Power LED glows. When leak is detected the Alarm LED starts again. This LED is switched OFF when the sensor is inactive.

16. What are your warranty terms?

LEDS is giving a free replacement warranty of 2 calendar years, from the date of commissioning of its systems. However, this Warranty shall not cover the damages due to unauthorized servicing OR damages due to Natural calamities and operations beyond specified ratings/conditions.