



## STAR ELECTRONIC CONCEPTS

An ISO 9001:2000 certified company  
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# GAIN CONTROL

## WATER LEAK DETECT R



### STAR ELECTRONIC CONCEPTS

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# GAIN CONTROL

by plugging physical  
environmental  
threats



Achieve Business Continuity

*Physical environmental threats that plague Infrastructure Maintenance Managers besides security attacks and connectivity failures are temperature, humidity, water leak, rodent menace, human error etc. Such threats can damage equipment, slow performance and force hardware to shutdown. Lost revenues due to unavailable server based applications such as e-Commerce site or customer service centers are not insurable and also ruins the value of an organization. Safeguarding against such crisis is the need of the hour.*

**STAR Water Leak Detector System** offers an effective Environment Monitoring solution for problems associated with water leak in server, data and computer rooms. The ultra compact device with its intelligent sensor cables monitor, detect and communicate the presence of liquid via audio - visual alarms to the server administrators. Its user friendly software offers the technicians unsurpassed flexibility in navigation and damage control.

#### The critical problematic areas include:

- Assets of Data Centre areas below the raised server racks.
- Water leaks associated with air conditioners.
- Blocked ventilation system around machines cause condensation.
- Areas around pipe leaks.
- Areas of the false ceilings.

#### The damages incurred could be:

- Insulation breakdown due to soaked cables leading to signal breakdown and other malfunctions.
- Premature hardware failure due to formation of rust.
- Loss of critical data, backup tapes and equipments.
- Loss of manpower time due to comprehension and rectification of unseen faults.

STAR Water Leak Detector System comprises of a robust Control panel and sensor cable accessories for detection.

## Features

### Control Panel

- The Controller has in built software to sense, receive and recognize the signals sent by the sensor cables.
- In the event of any abnormal condition or malfunction it activates an alarm that has to be acknowledged physically and reset.
- In built connectors are provided for interfacing the hooters and RS 485.
- Has optional 2 to 8 zones (areas) adaptability.
- Software for monitoring and report generation.
- Events logging.
- It needs a power connection and comes equipped with a 3-pin power supply cord.

### Display

- 4 x 20 LCD for displaying status of all water leakage sensors, Door status.
- LED Display status for all zones.

### Sensor Cables:

- Reliably senses any conductive fluid.
- Non conductive and abrasion resistant polymers increase the strength of the cables.
- Pressure on the cables will not create any false alarm.
- Detects fluid along the entire length.
- Flexible and easy to maintain.

## Specification

### Control Panel

Configuration	: Control Panel with optional ( 2 to 8) zones
Operating Voltage	: 230V AC 50 Hz
Dimension	: 305 x 225 x 85 mm.
Weight	: 2.5 Kgs
Mounting	: Wall

### Sensor Cables

Leader cable	: 5 mts
Sensor Cable length	:10, 15, 20 and 25 mts.

