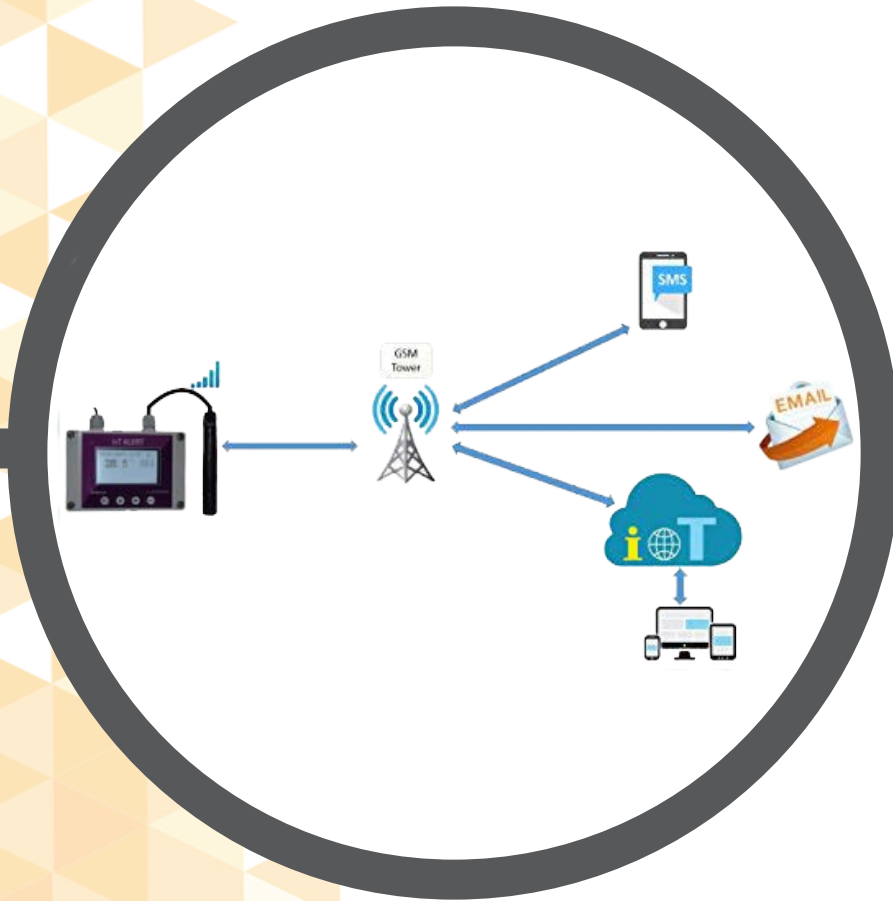


# Temperature Monitor SMS/E-mail/Cloud IoT



**Ace Instruments** make Temperature Alarm Monitor is an economical Server Room & Data Center Facilities Temperature Monitor which simultaneously measures, displays & alerts user about the critical parameter of temperature in IT infrastructure facilities.

The Server Room Monitor has a wall mounting display unit with single line 4 digit bright LCD Display displaying the temperature of the server room/data center etc. The sensor is a wired sensor with standard wire length of 3 mtrs. which enables the display monitor to be placed outside the server room/data center room & the sensor can be placed inside the room being monitored. The Server Room Temperature Monitor has an integrated programmable buzzer alarm for alerting via SMS/E-mail/Cloud in case of any deviation from customer specified temperature Low & High limits.

User can opt for either GSM SIM or LAN(TCP/IP) based communication according to their requirement.

**Applications:** Server Rooms, Data center, UPS rooms, Battery rooms, Cold Storages, Cold Chains, Food, Pharmaceuticals, Bio-Medical, Logistics, Warehouses, Airports, Hospitals, Machinery Rooms,- Ship-Building, etc.

## **SMS Alert Function :**

Time-Bound SMS : SMS Alert of Temperature over SMS at user programmable intervals.

Alarm Status SMS : SMS Alert upon exceeding critical Levels of of temperature. The alarm limits are freely programmable by user from front keypad.

Request SMS :User can request the Instrument for real time values of temperature with time stamp over SMS.

## **Email Alert:**

Email Alert Notification when parameter value is out of pre-set threshold.

Provision for registering multiple Email IDs(2 Email Id can be configured)

## **Cloud Function:**

Web Based Interface(Mobile/PC) to view real time data transmitted through Instrument.

Download historic report in Excel/PDF Format

# Specifications

<b>Manufacturer</b>	ACE Instruments
<b>Model 1</b>	AI-TAM1-SMS (SMS only)
<b>Model 2</b>	AI-TAM1-IoT1-1(with Hosting) Features: SMS+E-mail+Cloud
<b>Model 3</b>	AI-TAM1-IoT1-1(without Hosting) Features: SMS+E-mail+Cloud
<b>Model 4</b>	AI-TAM1-LAN(TCP/IP) Features: SMS+E-mail+LAN
<b>Measuring Range</b>	Temp:-30.0 Deg C to +60.0 Deg C
<b>Temp Accuracy</b>	+/- 0.5 °C
<b>Display</b>	4 Digits for Temperature, 0.4" Height, large clear Back-lit dot matrix Display
<b>Cable Length</b>	Connecting Cable , pre-wired 3 mtrs. Extension between display monitor & sensor
<b>Additional Cable Length</b>	Available at extra cost upto maximum of 10 mtrs(Sensor to Instrument)
<b>Power Supply</b>	12 vDC by way of 230 VAC , 50 Hz. Adaptor provided alongwith
<b>Enclosure</b>	Wall mounting type ABS Plastic Enclosure with Wall Bracket
<b>GSM Bandwidth</b>	Support for GSM 850 / 900 / 1800 / 1900 MHz(used in most parts of the world). Please follow the link for more details: <a href="https://en.wikipedia.org/wiki/GSM_frequency_bands">https://en.wikipedia.org/wiki/GSM_frequency_bands</a>
<b>Communication</b>	RS-485 for connecting to SCADA(Optional)
<b>External Alarm</b>	Available at extra cost(Length between Instrument and buzzer)
<b>Alarm Type</b>	In built buzzer for Low Limit & High Limit Exceed Alarms for Temperature
<b>Alarm Limit</b>	Freely programmable from front key pad
<b>Acknowledgement Key</b>	Provided to re-set the alarm , thus avoiding continuous buzzer alarm However, the Alarm LED continues to glow indicating limit violation alert for temperature
<b>Dimensions</b>	80(W) x 80(H) x 55(D) mm.
<b>Calibration</b>	Will be provided at no extra cost traceable to national standards
<b>Note</b>	<b>For Models 1/2/3:</b> i) SIM Card & Data/Internet Pack to your scope. ii)Instrument will only send data in case of GSM network presence <b>For Model 4:</b> Communication port - Ethernet TCP/IP via RJ45 cable
<b>Warranty</b>	12 Months Manufacturer warranty
<b>Cloud Space Owership</b>	Please consult StoreOption 1: Hosting on Customer/End Userserver spaceOption 2: Hosting on our store server space(min 1 Year Subscription)
<b>Web Interface Demo</b>	Please consult Store for web link and credentials

Store Contact:

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