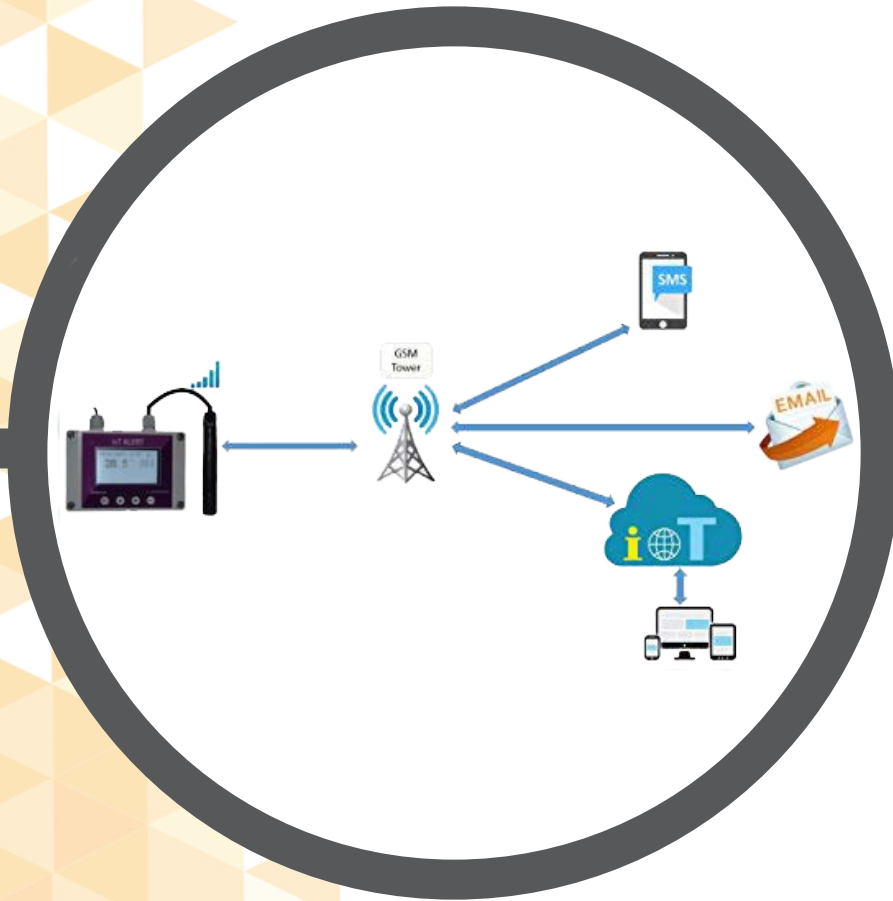


Temperature Monitor SMS/E-mail/Cloud IoT



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

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

Store Contact:

Instrukart Holdings

India Toll Free: 1800-121-0506 | Ph: +91(40)40262020 | Mob: +91 7331110506

Email : info@instrukart.com | Web: www.instrukart.com

#18, Street 1A, Czech Colony, Sanath Nagar, Hyderabad-500018, INDIA.

