Smart Wireless
Temperature & Humidity Monitor

Wireless Server Room Temperature & Humidity Monitor accurately measures Temperature and Humidity with a provision of external sensor to place inside the monitoring area while the Indicator can be mounted outside (Lobby, Corridor etc). This Smart Monitor helps the user to alert remotely by the way of Email. The Dashboard feature helps the user to view/download/analyse real-time data of temperature and humidity with date and time stamp and graphical or tabular representation.

Features:

- Standard Temperature Range 0 to 50 Deg.C; Relative Humidity 0 to 100% Rh
- Specially designed Humidity sensor to work in condensed Environment
- Password Protected Admin level access: meets security compliance
- Bright and Large Backlight display for clear view on the go
- Real time Dashboard view of single/multiple Instruments data in tabular or graphical representation, can be accessed in PC/TAB/MOBILES.
- Standard or Customized Dashboard Interface to meet user specific requirement
- QC/QA certified to meet standard compliance for all kind of critical temperature-maintained environments
- Factory Calibrated device; Calibration certificate provided alongwith traceable to National Standards (NABL Accredited)

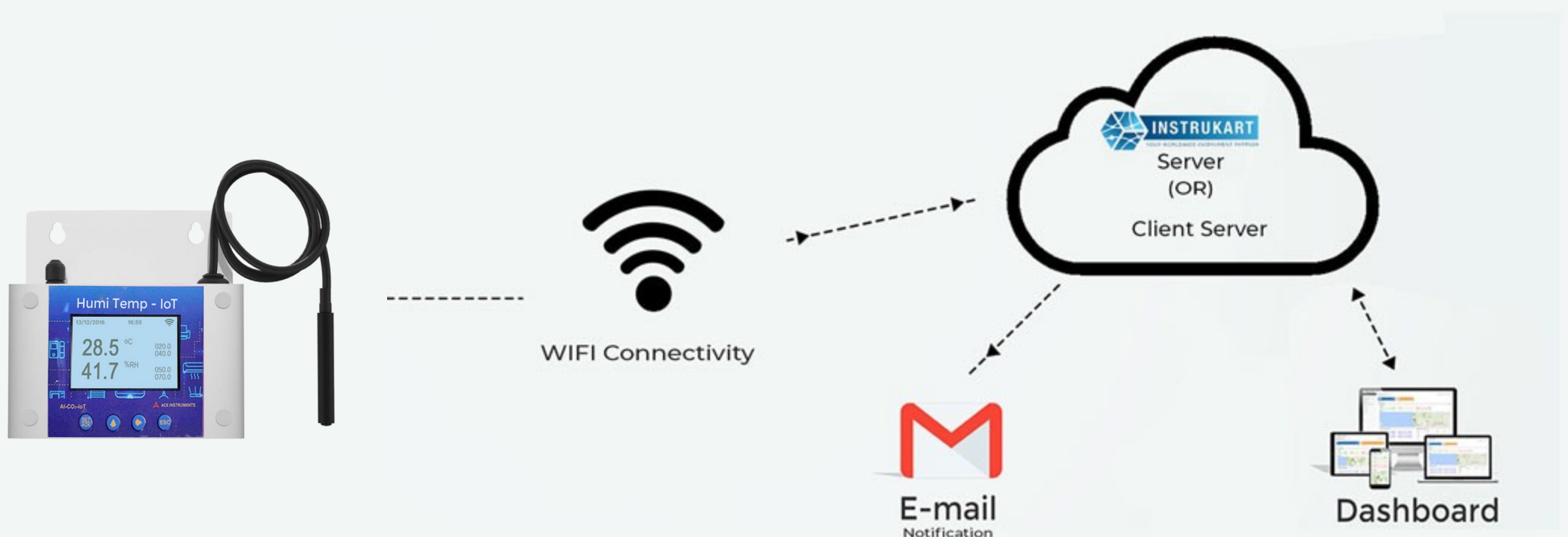**Server Room**

Laboratory

Warehouse

Greenhouse

Pharmaceutical

Email/Cloud Realtime Alert:

Email Alert : Email Alert Notification when parameter value is out of pre-set threshold. Standard Provision for registering multiple (upto 10) Email IDs (Contact store for customisation)

Cloud Function : Web Based Interface (Mobile/PC/Tab) to view real time data transmitted

Humi Temp - IoT

28.5 ℃
41.7 %RH

WIFI Connectivity

INSTRUKART
Server
(OR)
Client Server

E-mail
Notification

Dashboard

Take the next step and get in contact with us today at **info@Instrukart.com**

Technical Specifications

Model 1	AI-RHT-IoT-1-WiFi(12 Months Hosting)
Model 2	AI-RHT-IoT-2-WiFi(Life time Hosting)
Model 3	AI-RHT-IoT-3-WiFi(Client Side Server)
Measuring Range	Temp: 0 to 50.0 Deg.C, Humi: 0 to 100% RH Optional Range
Accuracy	Temp: +/- 0.5 Deg.C, Humi:+/- 2%RH
Resolution	Temp: 0.1°C, Humi :0.1 %RH
Display	128 X 64 Dot Matrix Graphical Large LCD Display with White Backlight
Sensor Type	1.Polymer sensing for Temperature 2.Capacity polymer sensing for Relative humidity 3.Option of Wired External Probe or Integrated Probe fixed to Body
Cable Length	Connecting Cable , pre-wired 3 mtrs Extension between display monitor & sensor
Additional Cable Length	Available at extra cost, maximum feasibility upto 10 mtrs (Sensor to Display Unit)
Buzzer	Standard In-Built Buzzer for Alarm. External Buzzer Option also available
Acknowledgement Key	Provided for user to acknowledge the alarm manually, thus avoiding continuous buzzer alarm sound & user attention
Power Supply	12 VDC Input with minimum of 2 amp current rating. Adaptor provided alongwith
Enclosure	Wall mounting type ABS Plastic Enclosure with Wall Bracket (IP65 splash proof)
Communication	Wifi Based Module, Note : (Internet Connectivity (Wi-fi configuration) to your scope)
Cloud Space Ownership	Please consult Store Option 1 : Hosting at Customer/End User Server. Option 2 : Hosting at Instrukart server (min 1 Year Subscription)
Web Interface Demo	Please consult Store for web link and credentials.
Operating Temperature	Safe operating temperature of instrument is 0 to 50°C
Warranty	1 Year Manufacturer Warranty
Calibration	Will be provided at no extra cost and valid for 12 months, traceable to national standards (NABL)
Dimensions	120 X 80 X 60 mm (H x W x D)
Manufacturer	Ace Instruments