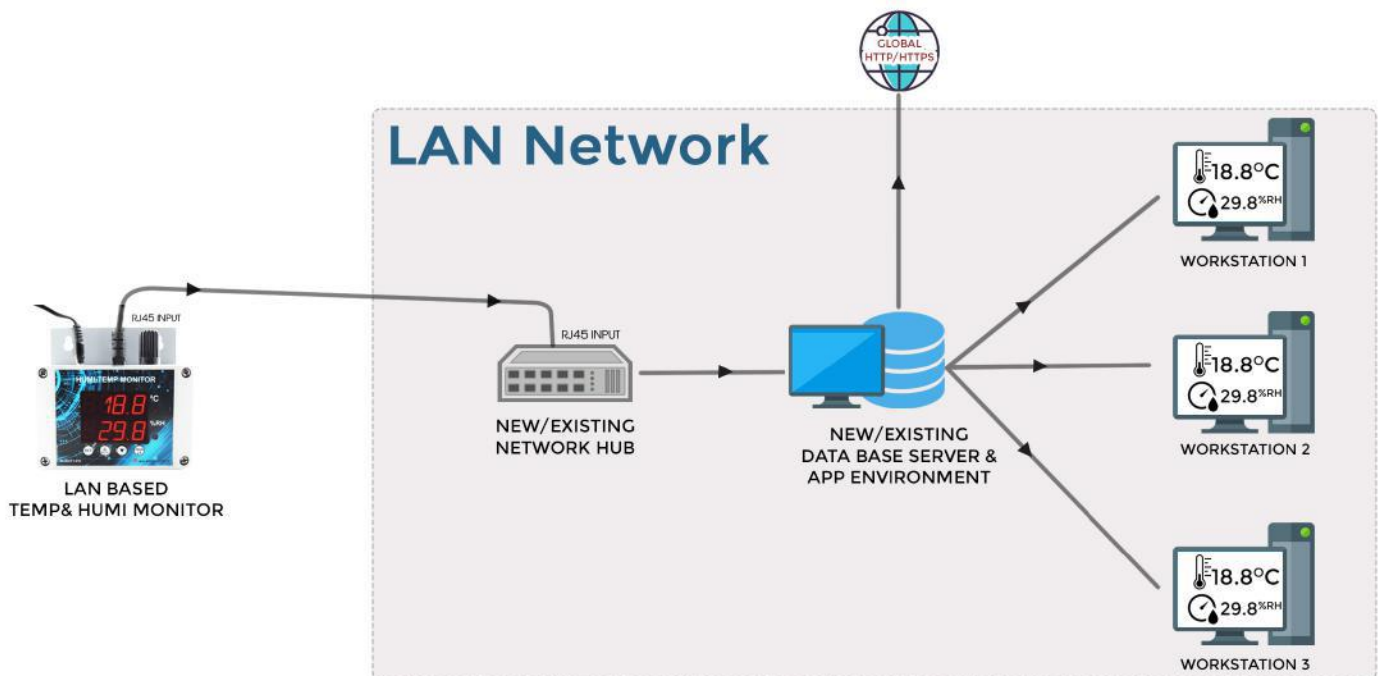# LAN Based Temperature & Humidity Alarm Monitor

LAN BASED SMART TEMP & HUMIDITY MONITOR accurately measures the Temp/Rh and ideally finds its presence in unmanned and sensitive environment. This LAN based plug and play device seamlessly accommodates in existing setup without any hassle.
Option of Inbuilt or external alarm gives flexibility to user for convenient monitoring.
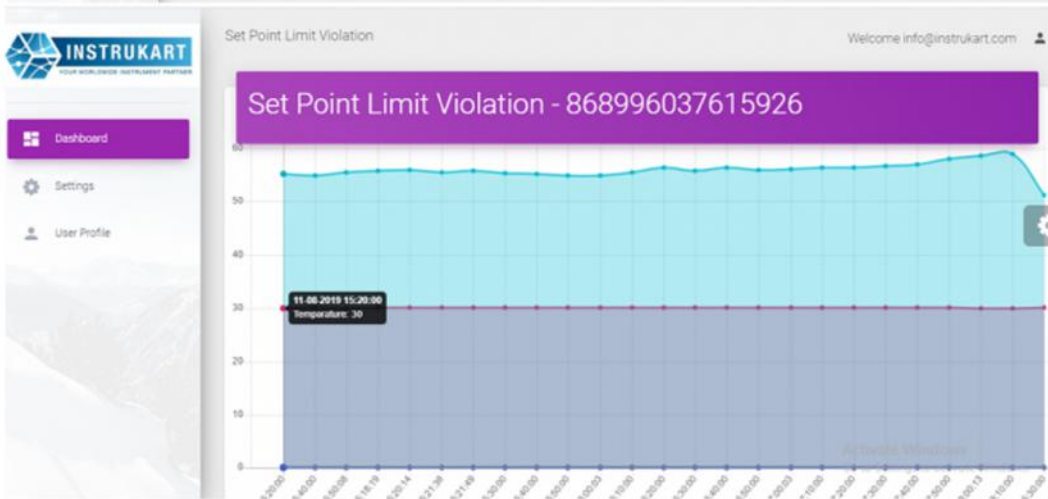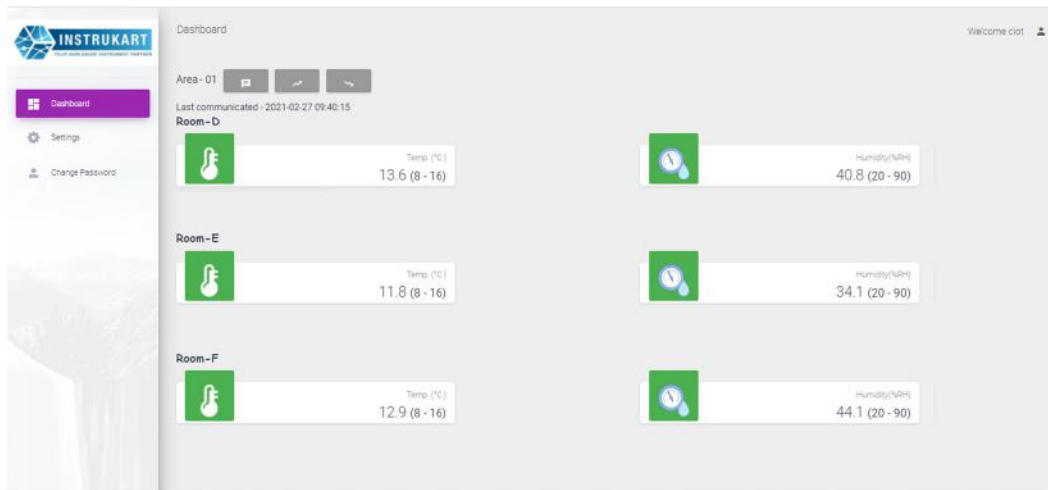
FEATURES:

- LAN Based Data Acquisition with Location ID

- Fast and accurate sensor for Temperature Measurement

- Specially designed Humidity sensors to work in condensed Environment

- Standard 0 to 50 Deg. C Temperature Range.

- Password Protected Admin level access: meets security compliance

- Bright and Large Backlight display for clear view on the go

- QC/QA certified to meet standard compliance for all kind of critical temperature–maintained environments

- Factory Calibrated device; Calibration certificate provided along with traceable to National Standards (NABL Accredited Lab)

Server Room

Laboratory

Warehouse

Greenhouse

Pharmaceutical

GLOBAL HTTP/HTTPS

LAN Network

RJ45 INPUT

LAN BASED
TEMP& HUMI MONITOR

RJ45 INPUT

NEW/EXISTING
NETWORK HUB

NEW/EXISTING
DATA BASE SERVER &
APP ENVIRONMENT

18.8°C
29.8%RH
WORKSTATION 1

18.8°C
29.8%RH
WORKSTATION 2

18.8°C
29.8%RH
WORKSTATION 3

Technical Specifications

Model	AI-RHTx-LAN
Temperature Measuring Range	0 to 50.0 Deg.C
Accuracy	+/- 0.3 Deg.C.
Resolution	0.1 Deg.C.
Humidity Measuring Range	0 to 100% RH
Accuracy	± 1.8% for 10 to 95% RH, ± 2% for all other ranges
Resolution	0.1% RH
Display	2 X 4 Digit Red LED Display of Height 0.4″ (1 Each for Temperature & Humidity)
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 meters. Extension between display monitor & sensor.
Additional Cable Length	Available at extra cost, maximum feasibility upto 10 meters (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 (IP 65 splash proof).
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)
Dimension	120 X 80 X 60 mm (H x W x D)
Data Acquisition	Option 1 : To End User scope with existing BMS/SCADA/any other Acquistion System. (Technical guidance/assistance provided) Option 2: Web Server (New Setup) hosting at End User's Location.Option to push data on Cloud for SMS/Email Alert **Note:** Software at additional charges, Please contact store to validate Infrastructure requirement and accordingly request for quote
Manufacturer	Ace Instruments

Dashboard

INSTRUKART
YOUR WORLDWIDE INSTRUMENT PARTNER

Dashboard

Welcome ciot

- Dashboard
- Settings
- Change Password

Area - 01

Last communicated - 2021-02-27 09:40:15

Room-D

Temp (°C)
13.6 (8 - 16)

Humidity(%RH)
40.8 (20 - 90)

Room-E

Temp (°C)
11.8 (8 - 16)

Humidity(%RH)
34.1 (20 - 90)

Room-F

Temp (°C)
12.9 (8 - 16)

Humidity(%RH)
44.1 (20 - 90)

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Set Point Limit Violation

Welcome info@instrukart.com

- Dashboard
- Settings
- User Profile

Set Point Limit Violation - 868996037615926

11-06-2019 15:20:00
Temperature: 30

SMS Alert

12:18   90%

Periodic Report:
Temp@ 29.4 Deg.C
Humi@ 38.1 %RH
26/02/2021 @ 12:00

Alert:
Temperature High@ 30.4 Deg.C
Setpoint@ 15.0 - 20.0 Deg.C
26/02/2021 @ 12:01

Alert:
Humidity High@ 96.4 %RH
Setpoint@ 30.0 - 80.0 %RH
26/02/2021 @ 12:01

Request:
Temp@ 30.4 Deg.C
Humi@ 69.9 %RH
26/02/2021 @ 12:03

Periodic Report:
Temp@ 29.8 Deg.C
Humi@ 34.9 %RH
26/02/2021 @ 12:08

Periodic Report:
Temp@ 29.8 Deg.C
Humi@ 34.5 %RH
26/02/2021 @ 12:11

8 min

Other models available: Wireless GSM/WiFi based Temperature Monitor(Standalone), GSM/WiFi based multiple sensors(Temp/RH/Other) monitoring (Integrated Dashboard)

Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery
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Instrukart Holdings

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