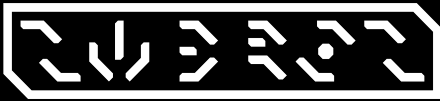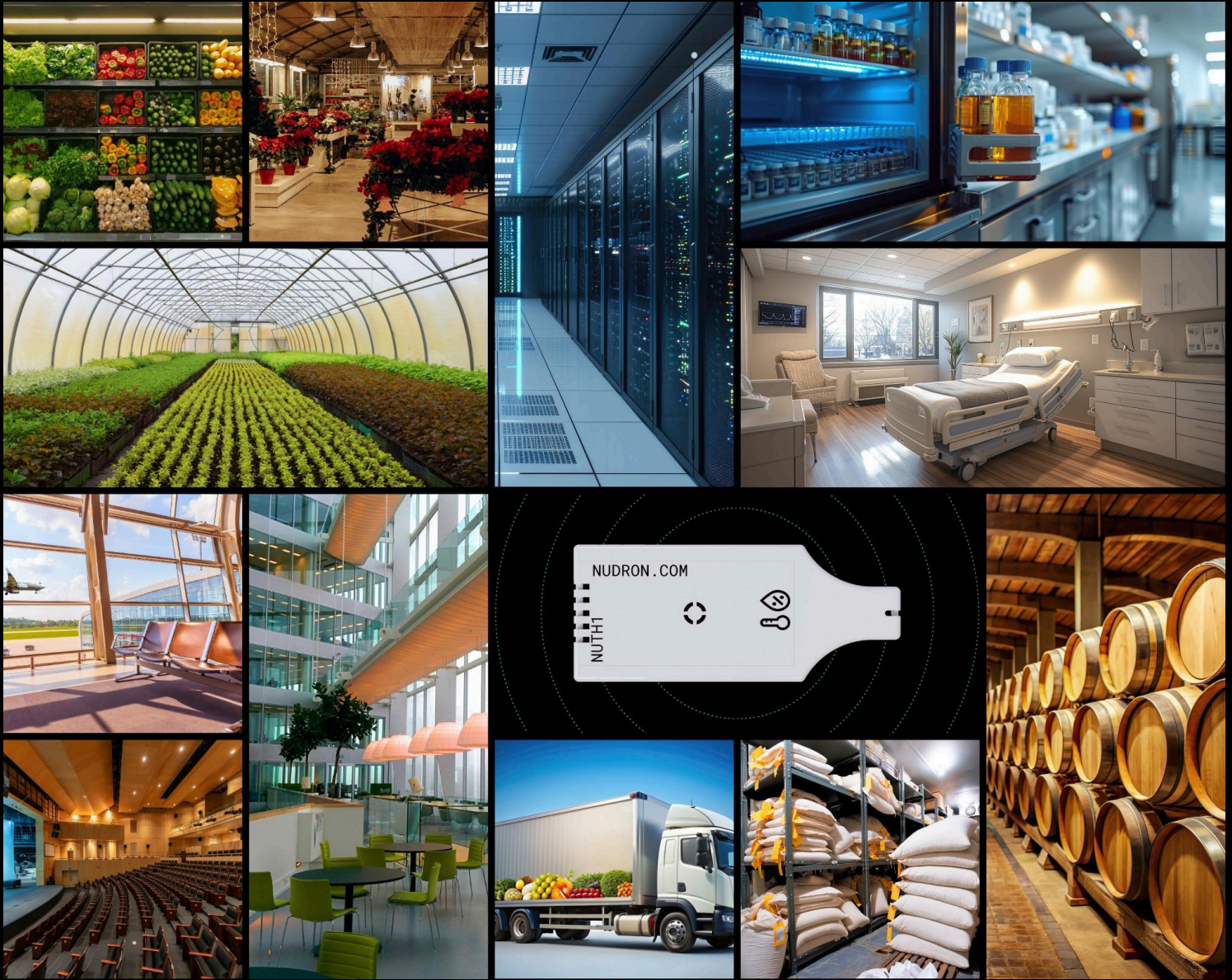NUTH1_TD_V12

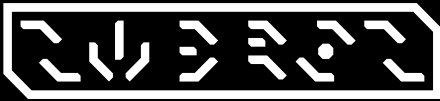# NUDRON SMART TEMPERATURE AND HUMIDITY SENSOR

TECHNICAL DESCRIPTION

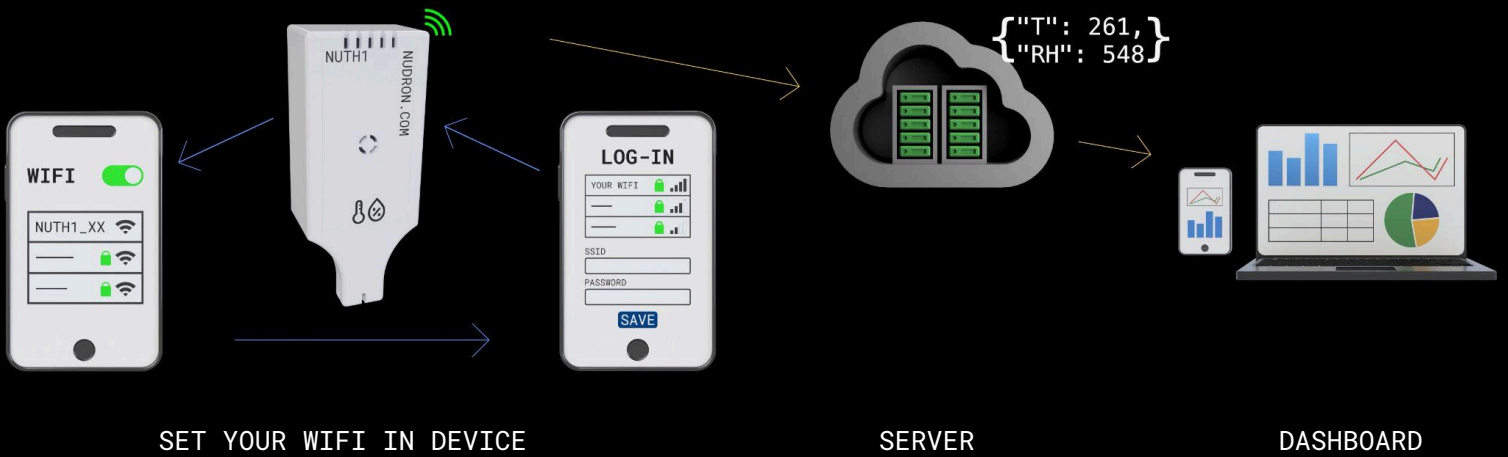# NUDRON SMART TEMPERATURE AND HUMIDITY (NUTH1)

With applications for various indoor spaces such as data-centers, greenhouses, offices, hospitals, theaters, airports, transport trucks, storage of grains, vegetables, fruits, meat, flowers, medicines, etc.

+ **Real-time** monitoring of temperature and humidity
+ Set **thresholds** and receive **alert** notifications
+ **Prevent failures** of temperature dependent systems
+ **Increase life** of perishable goods
+ **Improve environment** in your premises
+ **Small size** device fits easily in tight places
+ **Cost effective** solution for deployment at scale

Plug-and-play Nudron's NUTH1 sensor and start monitoring data remotely

SET YOUR WIFI IN DEVICE   SERVER   DASHBOARD

CONFIGURATIONS

+ MQTT or HTTP protocols
+ Uplink frequency from every 1 to 86400 seconds
+ Temperature in either Kelvin, Celsius or Fahrenheit units
+ Threshold values for alert message trigger; logic can also include device time
+ Custom branding and color options

SPECIFICATIONS

GENERAL
+ COMPACT DESIGN WITH VENTILATION FOR AIR
+ DIMENSIONS: 87 X 30 X 37 MM
+ MAX. WEIGHT: 40 GRAMS
+ MICRO-USB PORT FOR INPUT POWER AT 5 VDC, 0.2A
+ 2.4GHZ WIFI COMMUNICATION (802.11 B/G/N) WITH SUPPORT FOR WPA AND WPA2
+ WIRED USB COMMUNICATION

SENSOR
+ **TEMPERATURE:**
    - RANGE: -20 TO 70 °C
    - TYP. ACCURACY: ±0.5 °C
    - RESOLUTION: 0.1 °C
+ **HUMIDITY:**
    - RANGE: 10 TO 90 %RH (NO CONDENSATION)
    - TYP. ACCURACY: ±3 %RH
    - RESOLUTION: 0.1 %RH

DESIGNED IN INDIA.
MADE IN INDIA.
BUILT FOR THE WORLD.