



## AGRI, ENVIRONMENT & INDUSTRIAL AUTOMATION SOLUTIONS

SENSE

MONITOR

ANALYZE

ALERT

**AIR QUALITY MONITORING**

**ENVIRONMENTAL MONITORING**

**SOIL HEALTH MONITORING**

**APPLICATION BASED DATA LOGGING**

**LIVE VIDEO WALL DISPLAY**

**ANALYTICAL CLOUD DASHBOARD**

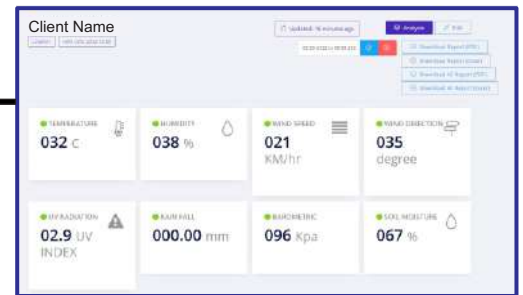


Local PC Dashboard & Alert System

Live Video Wall Display



Online Cloud Dashboard



**Air Quality Monitoring System**

Measure Multiple Parameters like Co2, CO, So2, No2, PM2.5, Pm10, AQI, Noise level etc. Display live readings on Cloud dashboard, video wall or mobile app & get alerts.

**Automatic Weather Station**

Sense Temperature, Humidity, Wind Speed / Direction, Rainfall, Solar Radiation, Level, Snow-depth, Salinity, Evaporation, Leaf Wetness, etc. get Centralized Data Through GPRS/ GSM/ Modbus/ USB on our Customized Software.

**Application Based Data Logger**

Temperature / Humidity Based Data loggers, Cold room Monitoring, Soil Health Monitoring Logger, Blood Bank Monitoring & Alert System, Intrusion Detection System.



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# WEATHER MONITORING STATION



## PARAMETERS

Radar Water Level

Level Sensor

Temperature

Wind Speed

Wind Direction

Humidity

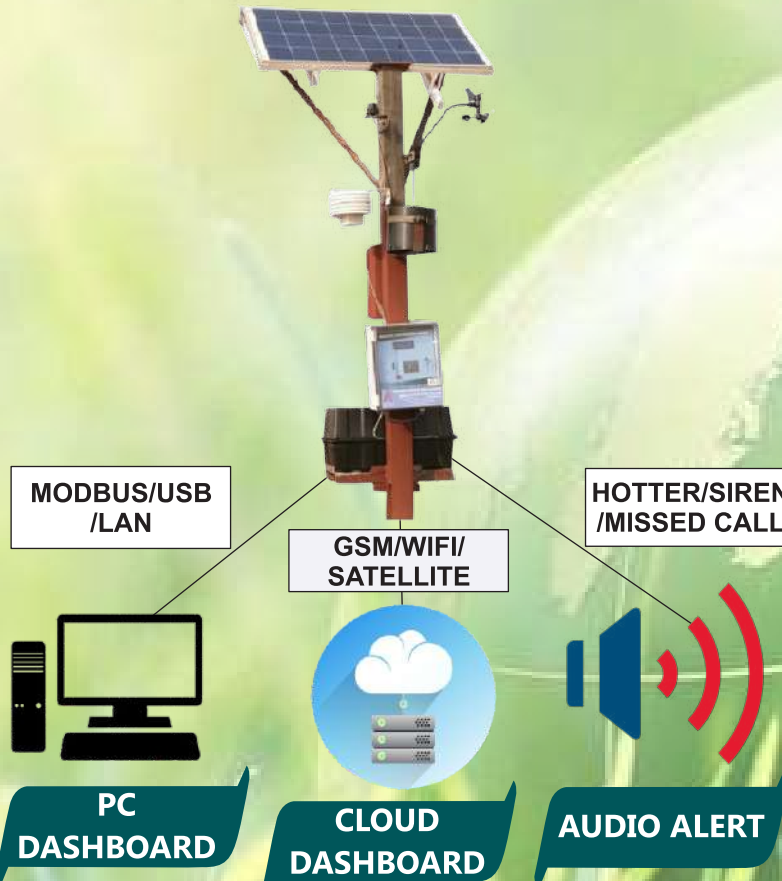
Solar Radiation

Pan Evaporation

Leaf Wetness

Snow Depth

Precipitation



## SPECIFICATIONS

8/16/32 Channels.

### Inputs

- Analog, Digital /
- 4-20 mA, 0-5V

### Communication Protocol

- Rs232/Rs485/LAN
- Modbus/GSM/LORA

### Data Retrieval & Display

- Local PC Dashboard
- Online Cloud Dashb.
- SMS, Missed Call Alert
- USB/SD Card
- Mobile APP.
- Video Wall

### Hardware Features

- LCD display
- HEX Keyboard
- SafetyLock
- Weather proof
- Enclosure(IP65)
- Customizable Sample Rate

### Power Source

Mains/Battery/Solar Power

# DATA LOGGING SOLUTIONS



## Record, Monitor & Alert

- > Cold Storage
- > Temperature / Humidity
- > Soil Health
- > Blood Bank
- > Air Quality
- > Intrusion Detection
- > Process Monitoring
- > Deep Freezer
- > Flow Monitoring
- > Flame proof Environment
- > Research Activity Data Analysis



## Specifications

1/2/4/8 Channels.

### Inputs

- Analog, Digital /
- 4-20 mA, 0-5V

### Communication Protocol

- Rs232/Rs485/LAN
- Modbus/GSM/LORA

### Data Retrieval & Display

- Local PC Dashboard
- Online Cloud Dashb.
- USB/SD Card
- Mobile APP.

### Hardware Features

- LCD display
- Switch ON/OFF, LED
- Enclosure(IP65)

### Alert

- Buzzer/Audio Alarm
- SMS/Missed Call Alert
- LED Blinking

### Power Source

- Mains/Battery

# Agriculture Automation Solutions

## PolyHouse Automation



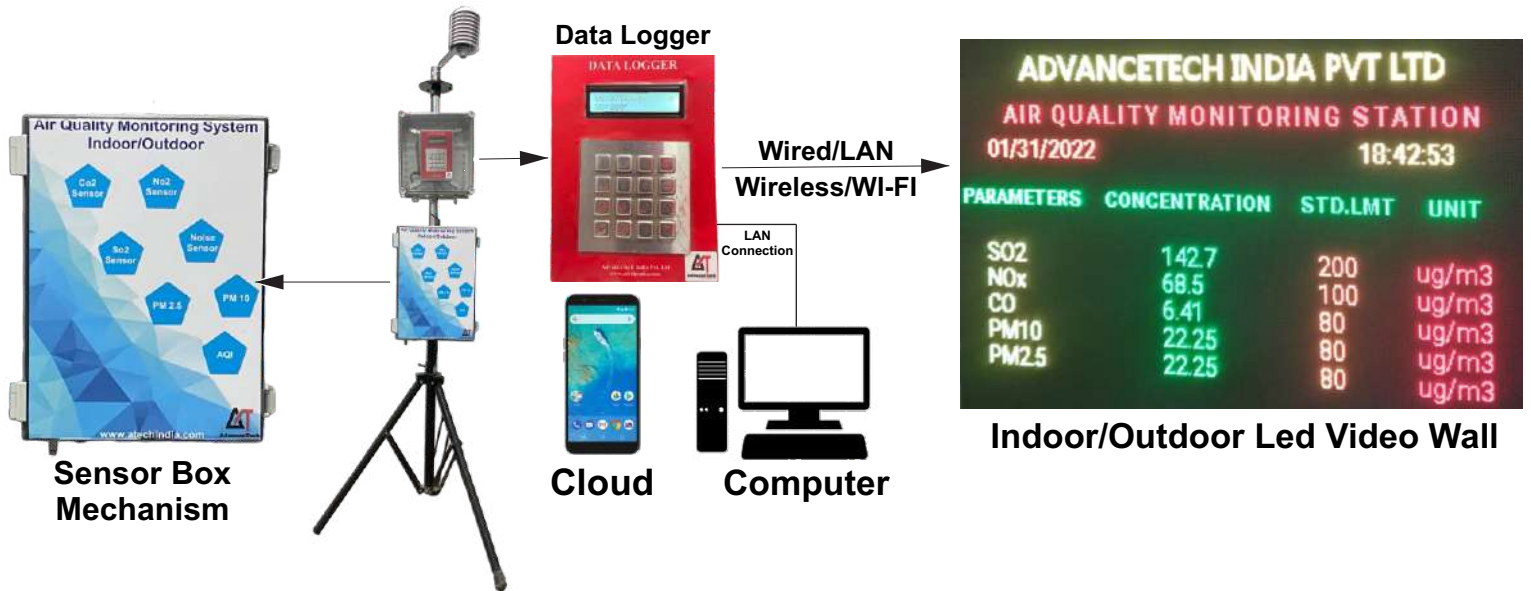
- Complete automation and control of PolyHouse parameters.
- 2 way control mechanism for smart switching of sensors
- Record the data for analytical comparison
- Transform the polyhouse with Latest solution

## Soil Health Monitoring



- Monitor Soil Quality - Soil Pressure, Temperature, Moisture, NPK, Conductivity etc.
- Sense, Monitor and Control The sensors via mobile app, cloud dashboard

# Air Quality Monitoring System



- Monitor multiple Air Gases , Air Quality
- 8, 16 , 32 Channel Data Logger , Analog/Digital/4-20 ma Input
- Wired Interfaces -USB/LAN/Modbus/SD Card
- Wireless Interface - GSM/GPRS/WI-FI/LORA
- Alert Mechanism SMS, Audio , Missed Call , Hooter
- Display live readings on a video wall
- Pole Mounting and Ip65 Weather Proof Protection

## Video Wall Specs

- P4/P6/P10 Pixels Pitch
- Size 3x2, 6x4, 8x4 (FT)
- Multicolor, Multi Language Data insertion
- Ip65 Protection with Pole Mount/Wall Mount Provision
- Customize your video wall by Inserting Text, Images, Video, Weather, Date & Time

# Industrial Automation

- ★ PLC/Scada Based Automation
- ★ Production Line Monitoring & Display
- ★ Monitoring & Control of All IoT Device
- ★ Online Cloud / Software Application
- ★ Live Head Counting System
- ★ Live Metering & Indication System

## Shift Management & Efficiency Solutions



## Warehouse Intrusion Alert System



## Glimpse of our Installation



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