ADVANCE TECH INDIA PVT. LTD.

GeM Government e Marketplace

AGRI, ENVIRONMENT & INDUSTRIAL AUTOMATION SOLUTIONS

SENSE ▸ **MONITOR** ▸ **ANALYZE** ▸ **ALERT**

AIR QUALITY MONITORING

ENVIRONMENTAL MONITORING

SOIL HEALTH MONITORING

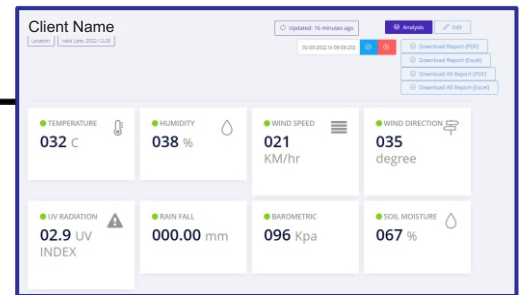**APPLICATION BASED DATA LOGGING**

LIVE VIDEO WALL DISPLAY

ANALYTICAL CLOUD DASHBOARD

Local PC Dashboard & Alert System

Live Video Wall Display

Online Cloud Dashboard

National Sugar Institute, Kalyanpur, Kanpur, Uttar Pradesh
TEMP : 024.4 C WS : 00.0 m/s
HUM : 034 %WD : 290 deg
BP : 100 kpa RF : 015.75 mm
Date   Day   Time
28/02/2022 Monday 18:12:10
Wear Mask. Stay Safe. Keep

Client Name

Updated: 16 minutes ago | Analysis | Edit

Download Report (PDF)
Download Report (Excel)
Download All Report (PDF)
Download All Report (Excel)

TEMPERATURE 032 C	**HUMIDITY** 038 %	**WIND SPEED** 021 KM/hr	**WIND DIRECTION** 035 degree
UV RADIATION 02.9 UV INDEX	**RAIN FALL** 000.00 mm	**BAROMETRIC** 096 Kpa	**SOIL MOISTURE** 067 %

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 Heath Monitoring Logger, Blood Bank Monitoring & Alert System, Intrusion Detection System.

MAKE IN INDIA

CERTIFIED ISO 9001:2015 COMPANY

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C E

MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति
Ministry of MSME, Govt. of India

WEATHER MONITORING STATION

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PARAMETERS

- Radar Water Level
- Level Sensor
- Temperature
- Wind Speed
- Wind Direction
- Humidity
- Solar Radiation
- Pan Evaporation
- Leaf Wetness
- Snow Depth
- Precipitation

MODBUS/USB/LAN

GSM/WIFI/SATELLITE

HOTTER/SIREN/MISSED CALL

PC DASHBOARD

CLOUD DASHBOARD

AUDIO ALERT
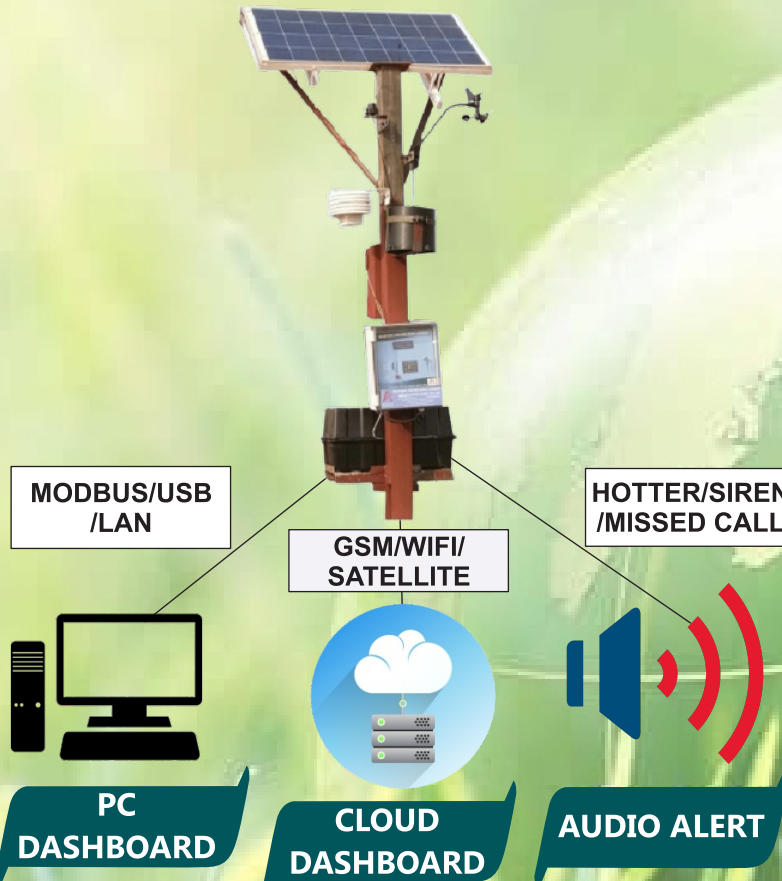
SPECIFICATIONS

8/16/32 Channels.
Inputs
☐ Analog, Digital /
☐ 4-20 mA, 0-5V
Communication Protocol
☐ Rs232/Rs485/LAN
☐ Modbus/GSM/LORA
Data Retrival & Display
☐ Local PC Dashboad
☐ 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

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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

WIFI/LORA/USB/LAN/GSM

REAL-TIME DATA ANALYTICS

DATA LOGGER

AUDIO ALERT/MISSED CALL/SMS Alert

Cloud DASHBOARD

Specifications

1/2/4/8 Channels.
> **Inputs**
☐ Analog, Digital /
☐ 4-20 mA, 0-5V
> **Communication Protocol**
☐ Rs232/Rs485/LAN
☐ Modbus/GSM/LORA
> **Data Retrival & Display**
☐ Local PC Dashboad
☐ 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
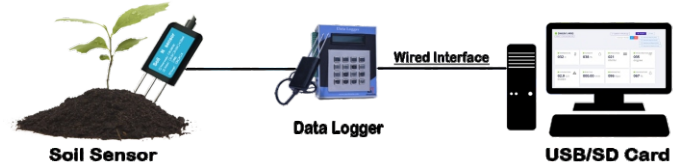> **Power Source**
☐ Mains/Battery

Agriculture Automation Solutions

PolyHouse Automation
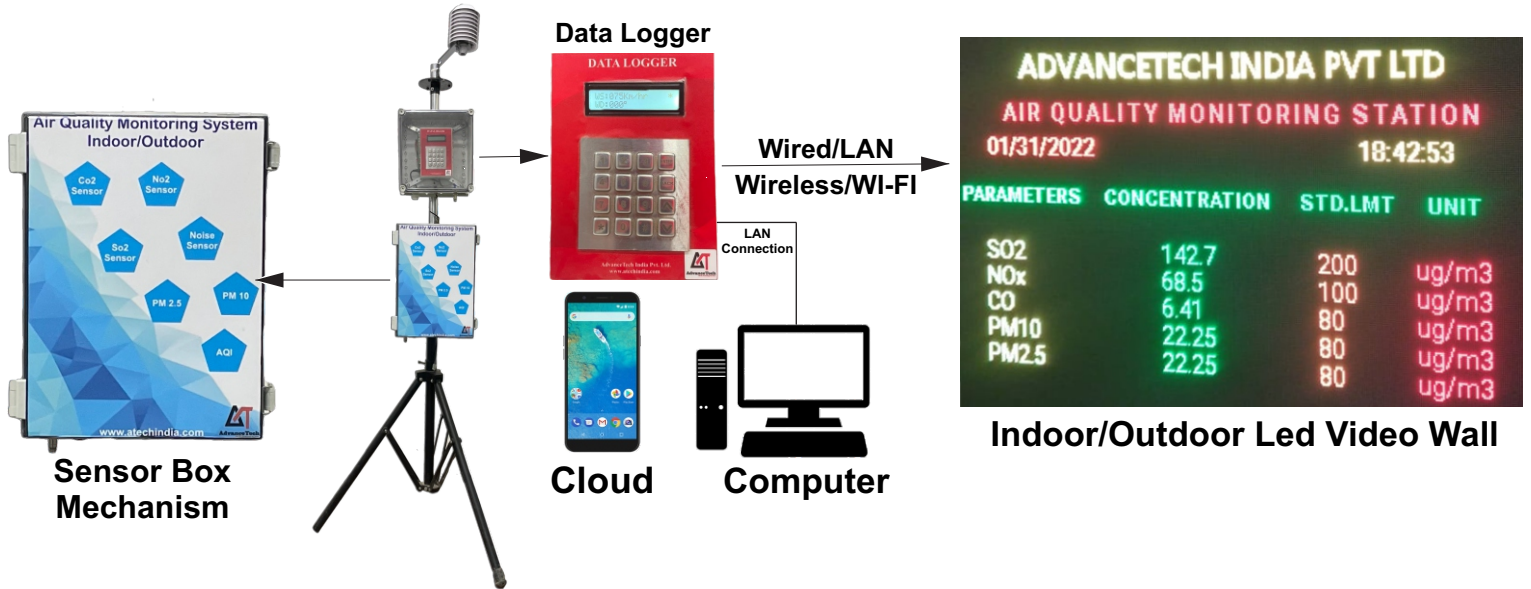

Soil Health Monitoring

- ➤ 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

- ➤ 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

Sensor Box Mechanism

Data Logger

Wired/LAN Wireless/WI-FI

Cloud   **Computer**

Indoor/Outdoor Led Video Wall

- ➤ **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 inseartion**
- ➤ **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 & Controll of All IoT Device**
- ✴ **Online Cloud / Software Application**
- ✴ **Live Head Counting System**
- ✴ **Live Metering & Indication System**

Shift Management & Efficiency Solutions

SHIFT 0008 hr
TARGET 0000 Lt
ACTUAL 1700 Lt
DIFF. 1700 Lt

LAN Cable — DATA LOGGER — LAN Cable — Cloud Dashboard

IR/ANALOG SENSOR

Production Counter Display

Warehouse Intrusion Alert System

Magnetic Sensors on Shutter/Warehouse Entry — Intrusion Detection Data Logger — Wi-Fi GSM/GPRS Connectivity — SMS/Voice Call Alert

Glimpse of our Installation

M/s Nestle India Ltd. (01975-257500)

MT | MT
Waste oil | 33.1 | 00000 | Recycle
00000 MT | MT
Contain ed oil | 33.1 | 00000 | Recycle

SHIFT 0012 hr
TARGET 1200 Lt
ACTUAL 0005 Lt
DIFF. 1195 Lt

02/04/2014 05:18
मौसमविज्ञान केन्द्र शिमला
METEOROLOGICAL CENTRE SHIMLA
TOLL FREE NUMBER 18001801717 & BROW
केन्द्रीय आलू अनुसंधान संस्थान