HMS 300™
Industrial Wireless Sensors Monitoring System

Manufactured by

iSAC Systems, Toronto, Canada
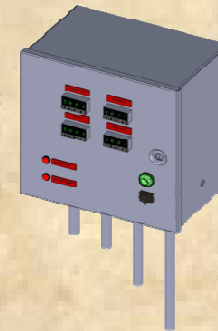
HMS 300™ Product Design Options

HMS 300_DLW1 → One Node Efficient data logger

FEATURES:

- Measure temperature, pressure, moisture and pH signals and store the data in SD-card flash memory.

- Display readings digitally using four LCD panels.

- Sensors failure indicator.

- Memory full indicator.

- Battery Low light indicators.

- Dust proof and waterproof

- AC(120/220V) -DC Main power supply.

- Internal Battery backup supply (3.7V) with estimated life time up to 24 hours.

- Optional adding more industrial sensors with output voltage, serial standard interface (RS232/RS485).

- Dimension: 12" X 12" X 8"

- Simple installation and easy to use.

Price Available on request

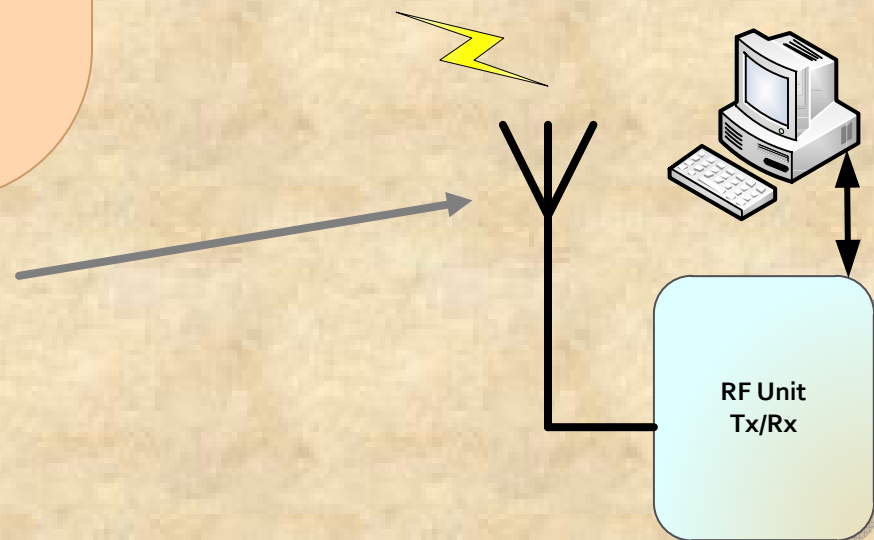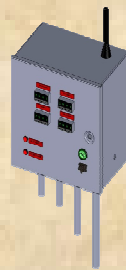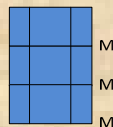# DAQ 300_DLW2

One Node Efficient Wireless data logger

FEATURES:

- Measure temperature, pressure, moisture and pH signals and store the data in SD-card flash memory.
- Display readings digitally using four LCD panels.
- Sensors failure indicator.
- Battery Low light indicator.
- Send the readings wirelessly to remote base station.
- Transmitter Data storage is activated when RF link break.
- Memory full indicator.
- Received sensors readings are displayed graphically using developed GUI.
- Internal Battery backup supply for the sensor node PCB with other dimension and power features of HMS 300_DLW1.
- RF Link failure indicators at both Sensor node and base-station.

Price Available on request

HMS 300_DLW3

### Optional LCD display at the receive side

M
M
M

RF Unit Tx/Rx

HMS 300_DLW4

One Node Wireless data logger with Network Connection

FEATURES:

- Measure temperature, pressure, moisture and pH signals and store the data in SD-card flash memory.
- Display readings digitally using four LCD panels.
- Sensors failure indicator.
- Battery Low light indicator.
- Send the readings wirelessly to remote base station.
- Transmitter Data storage is activated when RF link break.
- Memory full indicator.
- Received sensors readings can be monitored graphically through web connection.
- Received data are stored in a server or embedded PC.
- Internal Battery backup supply for the sensor node PCB with other dimension and power features of DAQ300_DLW1.
- RF Link failure indicators at both Sensor node and base-station.
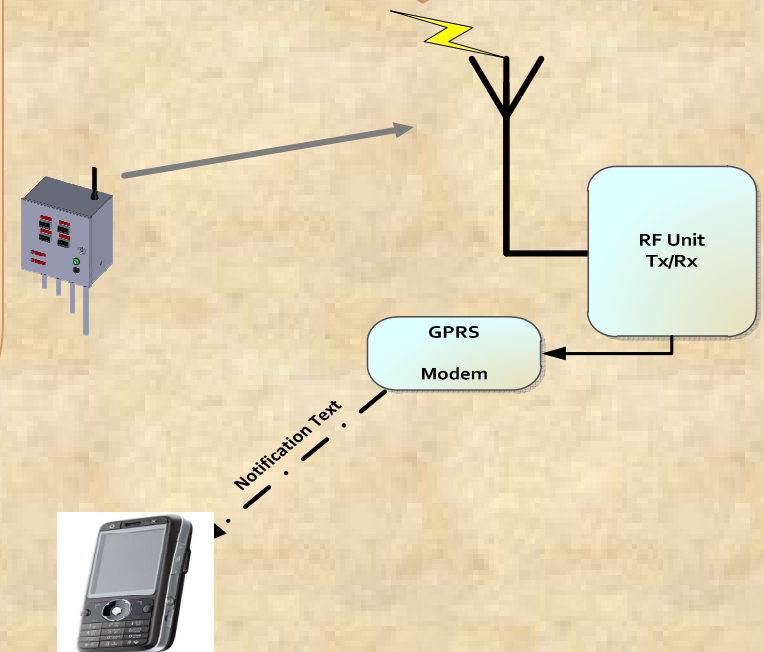
Price Available on request

Storing received data in a server

RF Unit Tx/Rx

Network Connection
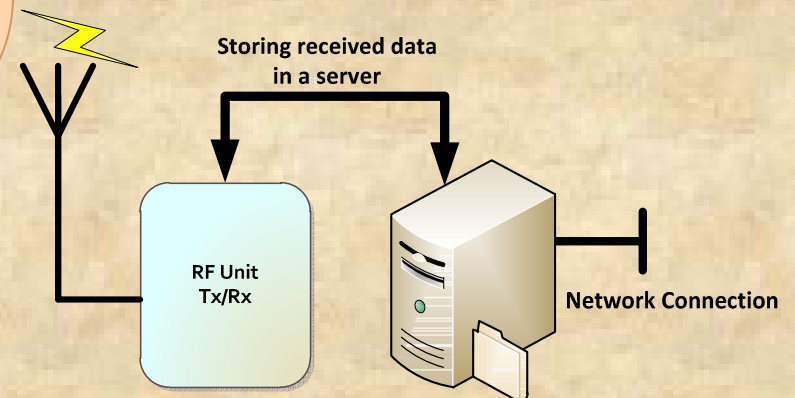
HMS 300_DLW5

One Node Wireless data logger with Mobile alert

FEATURES:

- Measure temperature, pressure, moisture and pH signals and store the data in SD-card flash memory.
- Display readings digitally using four LCD panels.
- Sensors failure indicator.
- Battery Low light indicator.
- Send the readings wirelessly to remote base station.
- Transmitter Data storage is activated when RF link break.
- Memory full indicator.
- Received sensors readings can be sent with alerts to a mobile through GPRS modem interface.
- Internal Battery backup supply for the sensor node PCB with other dimension and power features of DAQ300_DLW1.
- RF Link failure indicators at both Sensor node and base-station.

Price Available on request

RF Unit Tx/Rx

GPRS Modem

Notification Text

HMS 300_DLW6

One Node Wireless with Network and Mobile monitoring

Combined features

HMS 300_DLW5   HMS 300_DLW4

Price
Available
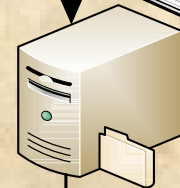on request

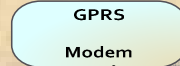Storing received data in a server

RF Unit Tx/Rx

Network Connection

HMS300 unit with sensors probes and backup battery supply

Several Km range

GPRS Modem

Notification Text

Receiver Base Station

HMS 300_DLW7 → **Multi-Node Wireless with Network and Mobile monitoring**

HMS300 unit with sensors probes and backup battery supply

Storing received data in a server

RF Unit Tx/Rx

Several Km range

Network Connection

GPRS Modem
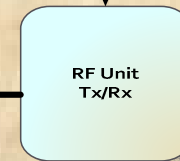
Receiver Base Station

Notification Text

HMS300 unit with sensors probes and backup battery supply

Price Available on request