

IOT Based Data Aquisition System

Series : IOT-001



NIGRANI

System : Connected Device Id : Nigrani 01 SD Card Details : 2/3769 MB Communication : OK Time : 8/17/2022, 2:26:02 PM

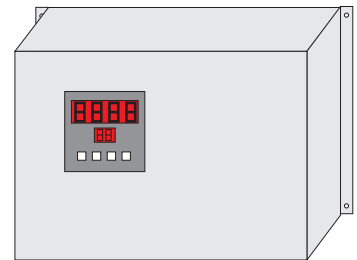
Dryer 1 227.4	Dryer 2 600	Dryer 3 50.1	Dryer 4 600
Dryer 5 0	Dryer 6 0	Dryer 7 0	Dryer 8 0

Current Scanning Period : 30 Min.
Select New Scanning Period
1 Min

Change

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Developed By
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We are pleased to introduce our newly developed Cloud Based Data Acquisition System. The system enables to remotely monitor / control all your critical process parameters. Data is stored securely on cloud. All data can be downloaded in .csv (Excel format). This data can be used for analysis with ERP systems.

The system is very easy to operate. Any internet connection such as wi-fi or data activated Sim-card can be used. Data can be viewed or downloaded on mobile phones as well as computers. Multiple users can access the system at the same time.

The system is highly cost effective and very useful for companies / individuals who wish to monitor / control their process systems remotely. The system finds wide applications in the fields of HVAC, Boiler and all types of automation. Any process parameter such as pressure, temperature, level, flow etc can be measured and monitored.

Technical Specifications

Inputs : 4 to 20 mA DC, RTD, Pt-100, Thermocouples etc
No. of Channels : 8 / 16 or as required
Display : local display of 4 digit, 0.8" red 7 segment LED, and 2 digit channel number
Internet connection : via 5G modem having Sim card or Wi-fi
Display recording time : remotely settable from any device
Password protection : provided to prevent unauthorized tampering
Mounting : wall mounting
Panel : MS fabricated
Size : 350mm(W) X 250mm(H) X 200mm(D)

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