DATA ACQUISITION SYSTEM THROUGH THE INTERNET NETWORK CASE STUDY ROOM TEMPERATURE MEASUREMENT WITH SENSOR DS1621

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ABSTRACT

Sensor in industrial and other much needed because with the sensor adannya industrial areas can be easily able to control equipment remotely. The sensor can be used if there is a series of ADC and DAC, and required a calibration for the sensor can measure an exact quantity. By using DS1621 sensors then it is not necessary because the DS1621 is a sensor that 'smart' (Intelegent sensor). DS1621 does not require the microcontroller and does not require calibration.

Temperature Measuring Equipment Design Room With DS1621 Sensor Networks Through Internet-Based Personal is a tool for censorship that uses DS1621 temperature. Data sent by the temperature sensor can be taken via the Internet network so that this equipment can be accessed from anywhere as long as it is connected to the internet. This circuit has a temperature of 125 C-20 ....+ Software used to display the results of temperature measurement is HTML. Use the Windows 2000 server as a server on this design is very helpful. Since making almost all computer activity becomes easier, faster and fully integrate with the Internet because there are DNS (Domain Name System) and IIS (Internet Information Service).

Keywords: DS1621, Internet, DNS, IIS, Sensor