

Multipoint Temperature Data Logger Over Ethernet

Model: NSX8-HV



Overview:

It is a Ethernet Temperature and Humidity Data Logger with programmable I/O.

Its built-in UPS feature providing user alert of AC power loss.

During power loss, operation is backed up by internal rechargeable battery.

- * 8 Temperature Sensors (max.)

- * 1 Humidity Sensor

- * 8 Analog Channels (max.)

- * 10 Digital Inputs

- * 4 Pulse Channels

- * 4 Relay Outputs

- * RS485 Data In

- * 32GB SD memory card slot

Its internal 4MB memory logs ~30000 data records, and expandable to 32GB with SD card.

Data can be uploaded to server as fast as 5 seconds interval, or 24 hours to save power.

Programmable data logging interval starts from 1 minute up to 24 hours.

Features:

- 1) Real Time and Ethernet Data Upload.

- 2) Integrated 16 bit MCU & Ethernet Module.

- 3) Programmable data input type & alert hi/low.

- 4) Programmable Data Upload Interval & Logging Interval.

- 5) Easy setup via USB port by PC software.

- 6) Remote Setup by Ethernet.

- 7) RS485 Port support data capturing in Modbus protocol.

- 8) Support Dynamic Domain Name or Fixed IP, and UDP/TCP protocol data transmission.

- 9) Flexible AC/DC power with internal battery backup.

Free Software:

- [1] Setup software is bundled for routine configuration via Ethernet remotely, or via USB port locally.

- [2] Centre software is also provided for receiving data via Ethernet.

- [3] Smart Client Lite app (Windows, iPad, Android) is free for user friendly graphics data display.

Applications:

- * Water pipes network real time monitoring - water in and out temperature.
- * Oil/gas pipes network, pump stations.
- * Underground water level real time monitoring.
- * Environmental monitoring system - wind/temperature/humidity/CO2/pressure.
- * Remote Industrial equipment monitoring.
- * Rural equipment monitoring e.g. power plant, antenna tower.
- * Measuring equipment data capture and report via Ethernet.
- * Food chain, storage, transport industry, building management.
- * Agricultural, farming, laboratory, medical industry.

More Detailed Photos:

