HUATO

S500 Temperature & Humidity Data Logger

Introduction

S500 temperature and humidity data logger is featured with large LCD display, elegant appearance and high precision. All the sensors are produced in Switzerland, which assures duality and stability. External and internal sensors are available to fit customers' specialized need.

Standard Accessories

Optionala Ccessories

Technical Specifications

Resolution	Temperature: 0.1°C / Humidity: 0.1%RH
Power supply	9V block battery
Display	LCD display
Dimension	135mm×124mm×35mm (5.31"× 4.88"× 1.37"inch)
LCD size	97mm×78mm (3.81"× 1.37inch)
Weight	380g
Accessories	PC-Software, datacable,9V blockbattery, screw, use manual, AC-DC adapter and carrying box.
Interface	RS485/RS232/USB

Model List

USB interface type	S500-TH	S500-EX	S520-TH	S520-EX	S580-TH	S580-EX
RJ45 interface (Ethernet) model	S500-TH-RJ45	S500-EX-RJ45	S520-TH-RJ45	S520-EX-RJ45	S580-TH-RJ45	S580-EX-RJ45
RS485 interface model	S500-TH-RS485	S500-EX-RS485	S520-TH-RS485	S520-EX-RS485	S580-TH-RS485	S580-EX-RS485
Temperature Accuracy	±0.5°C	±0.5°C	±0.3°C	±0.3°C	±0.2°C	±0.2°C
Humidity Accuracy	±5%RH	±5%RH	±3%RH	±3%RH	±2%RH	±2%RH
Record Volume	43000				86000	
Sensor type	Internal	External	Internal	External	Internal	External
Temperature Measurement Range	-20~70°C	-40~85°C	-20~70°C	-40~85°C	-20~70°C	-40~85°C
Humidity Measurement Range	0~100%RH					

Applicabtions

It has been widely applied in agricultural research, food industry, medical industry, electrical industry, environmental protection and laboratories.

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S500 Temperature Data Logger

Standard Accessories

Optionala Ccessories

Technical Specifications

Resolution	Temperature: 0.1°C
Power supply	6F22/6LR61 9V battery &12V DC
Display	LCD display
Dimension	135mm×124mm×35mm (5.31"×4.88"×1.37"inch)
LCD size	97mm×78mm (3.81"×1.37inch)
Weight	380g
Accessories	PC-Software, datacable,9V blockbattery, screw, use manual, AC-DC adapter and carrying box.
Interface	RS485/RS232/USB
Audible alarm	Deviation can calibrate the instrument.

Features:

- Original sensors imported from Switzerland.
- Storage space for 43,000 or 86,000 groups of data.
- Large screen displays temperature, humidity, number of groups data stored, and time simultaneously.
- Easy to operate; can be placed on desk or mounted on wall.
- Built-in sound and light alarm.

CE
EMC
EN:61326-1
EN:6132-2-2

Model List

Model	S500-ET	S500-DT	S500-EPT	S500-DPT	S520-ET	S520-DT	S520-EPT	S520-DPT
Temperature Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Record Volume	43000							
Sensor type	External	External dual probe	External	External dual probe	External	External dual probe	External	External dual probe
Temperature Measurement Range	-40~85°C	-40~85°C	-100~+100°C	-100~+200°C	-40~85°C	-40~85°C	-100~+100°C	-100~+200°C

Applicabtions

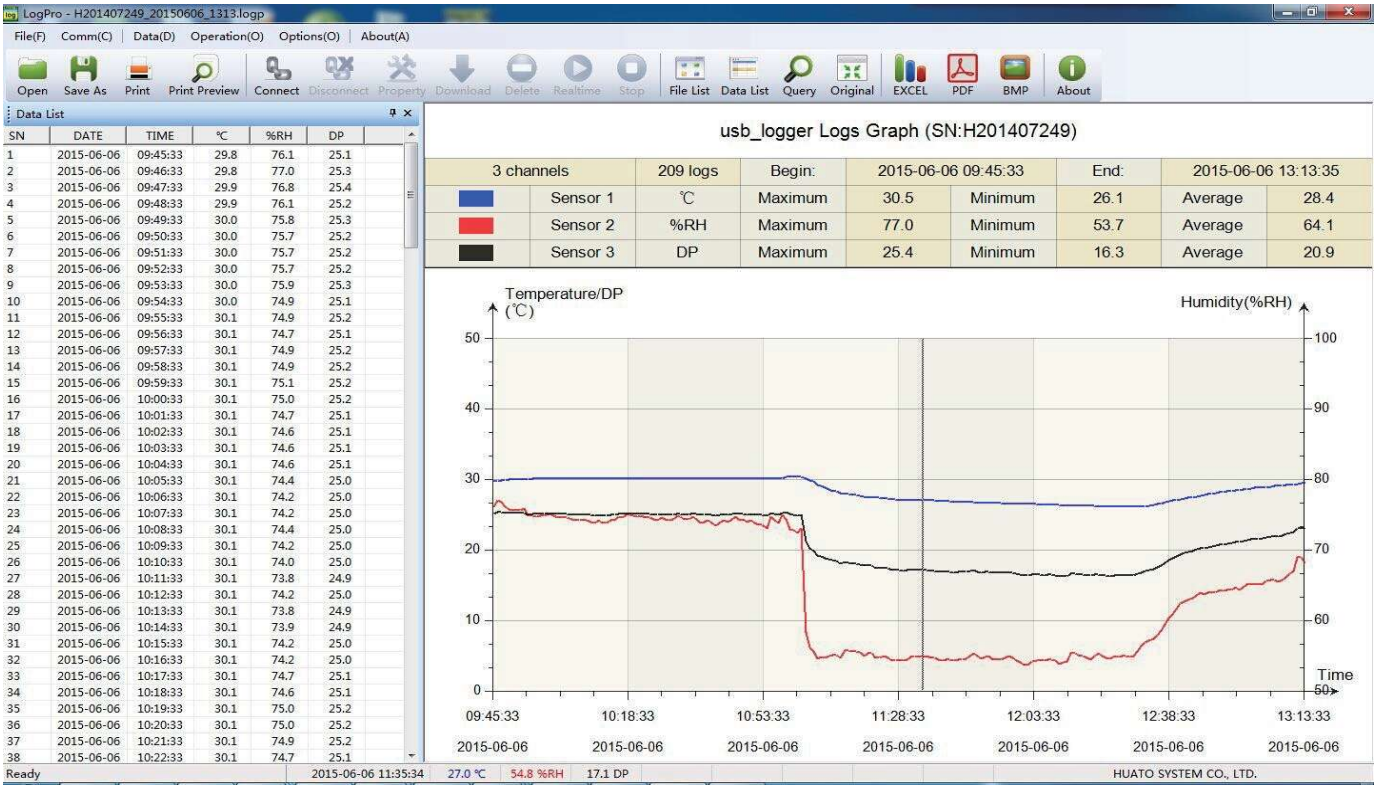
It has been widely applied in agricultural research fiekds, food industry, medical industry, electrical industry, environmental protection and laboratory etc.

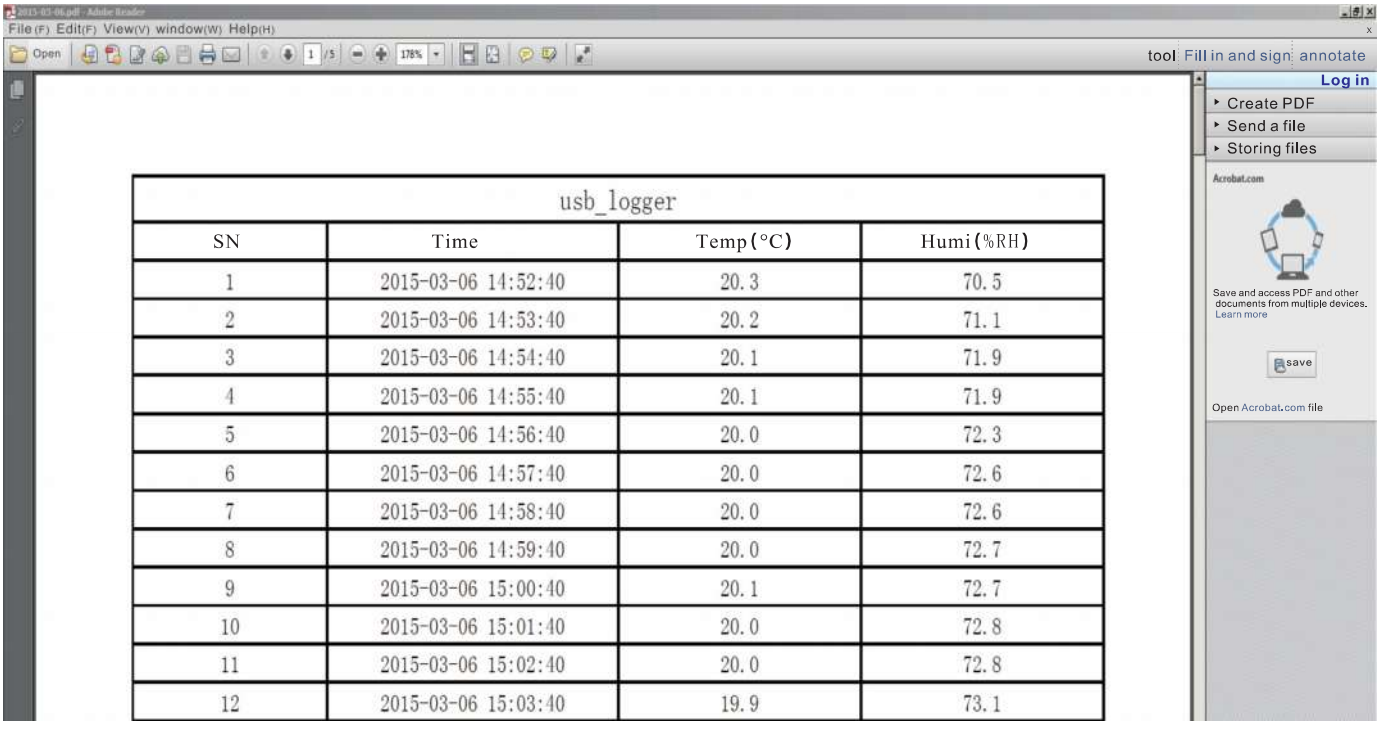
HUATO

Standalone version software

Logpro Recorder Analysis Software

Logpro software is Huatu temperature and humidity recorder dedicated data analysis software, beautiful interface, elegant, easy to use and efficient, the software is very comprehensive, can logger attribute settings, download logger data, graphically analyze data, export the data to Excel / pdf / BMP and other formats.

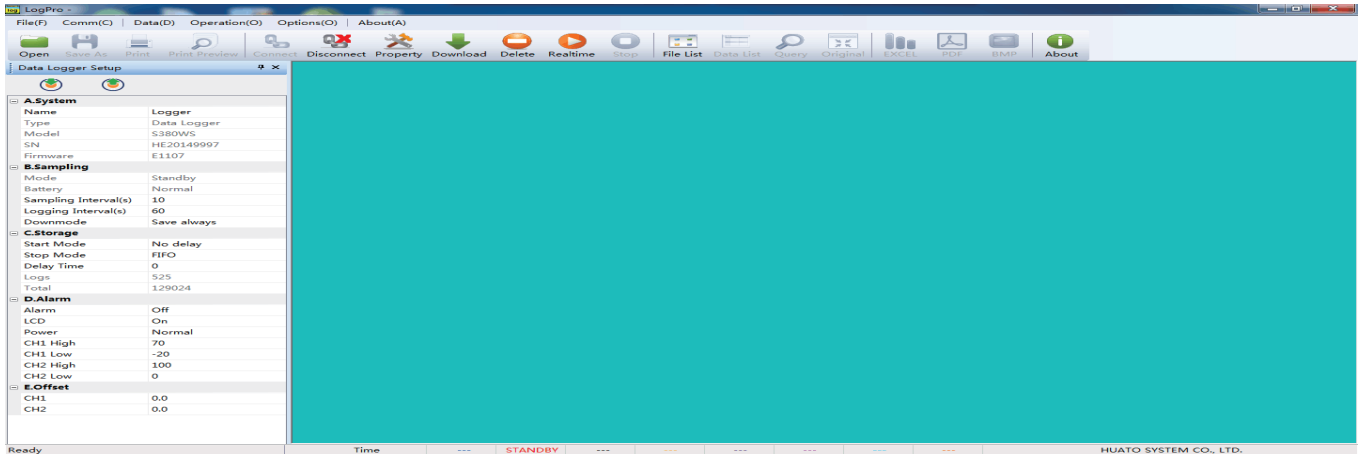


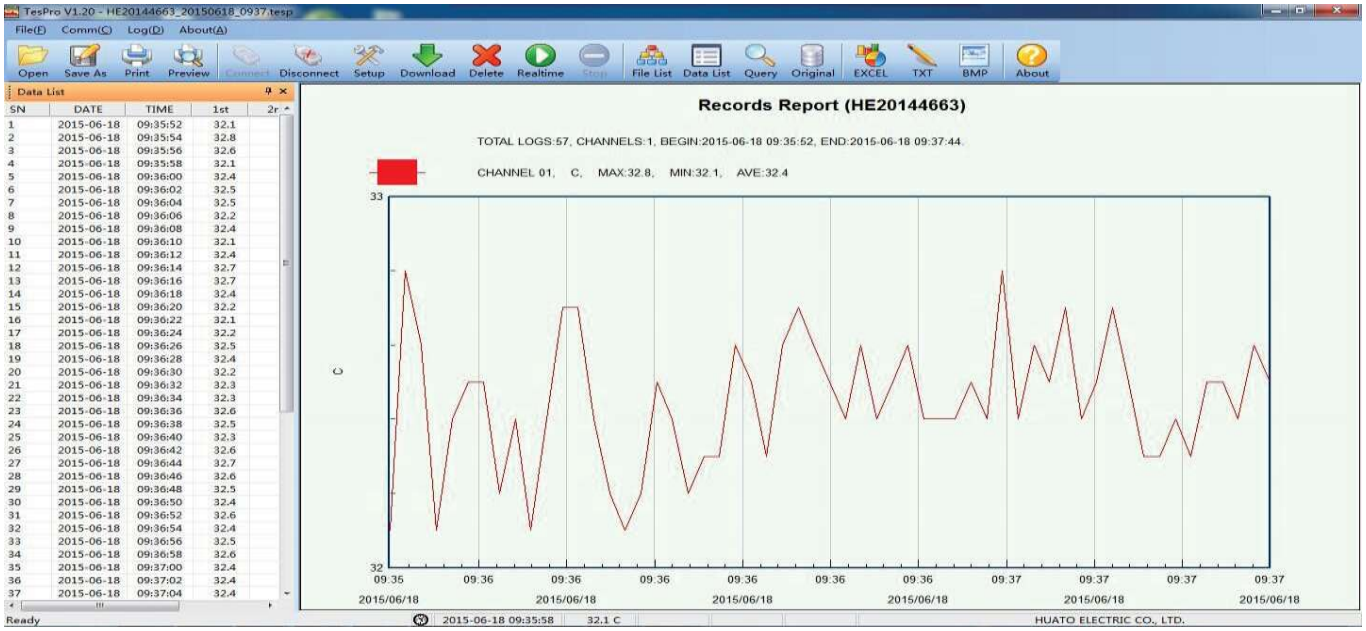


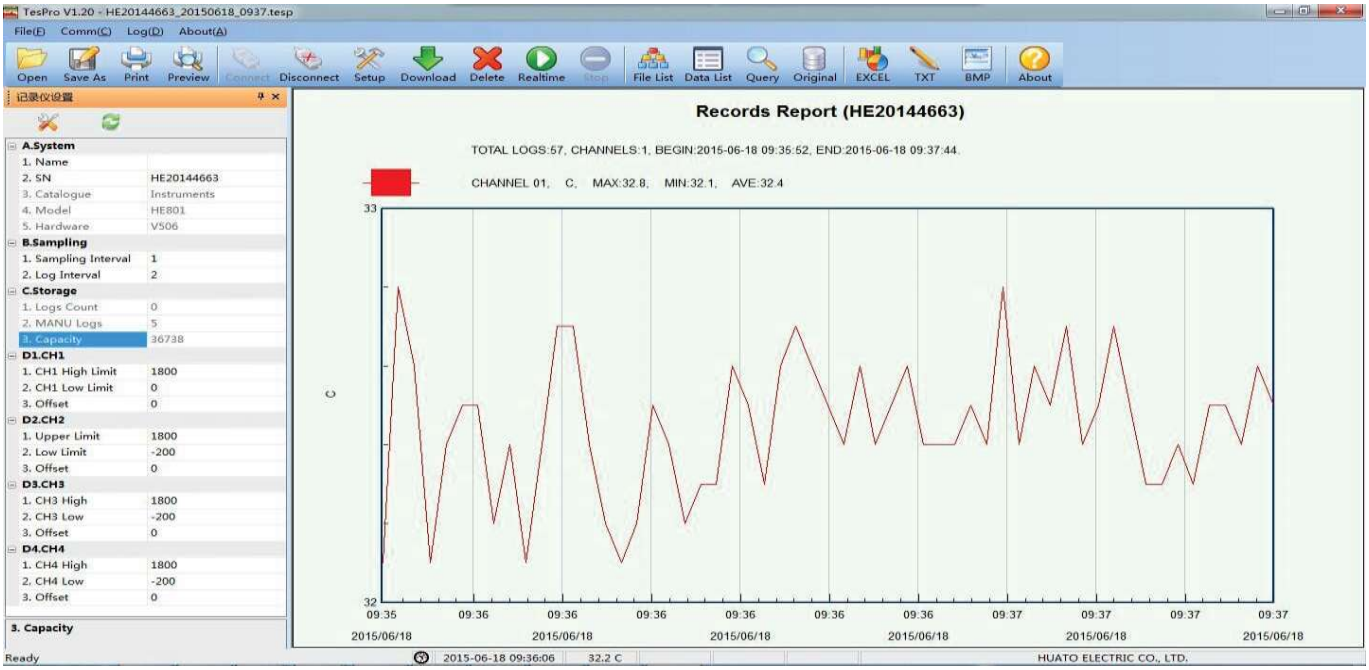
usb_logger			
SN	Time	Temp(°C)	Humi(%RH)
1	2015-03-06 14:52:40	20.3	70.5
2	2015-03-06 14:53:40	20.2	71.1
3	2015-03-06 14:54:40	20.1	71.9
4	2015-03-06 14:55:40	20.1	71.9
5	2015-03-06 14:56:40	20.0	72.3
6	2015-03-06 14:57:40	20.0	72.6
7	2015-03-06 14:58:40	20.0	72.6
8	2015-03-06 14:59:40	20.0	72.7
9	2015-03-06 15:00:40	20.1	72.7
10	2015-03-06 15:01:40	20.0	72.8
11	2015-03-06 15:02:40	20.0	72.8
12	2015-03-06 15:03:40	19.9	73.1

HUATO

Logpro stand-alone software







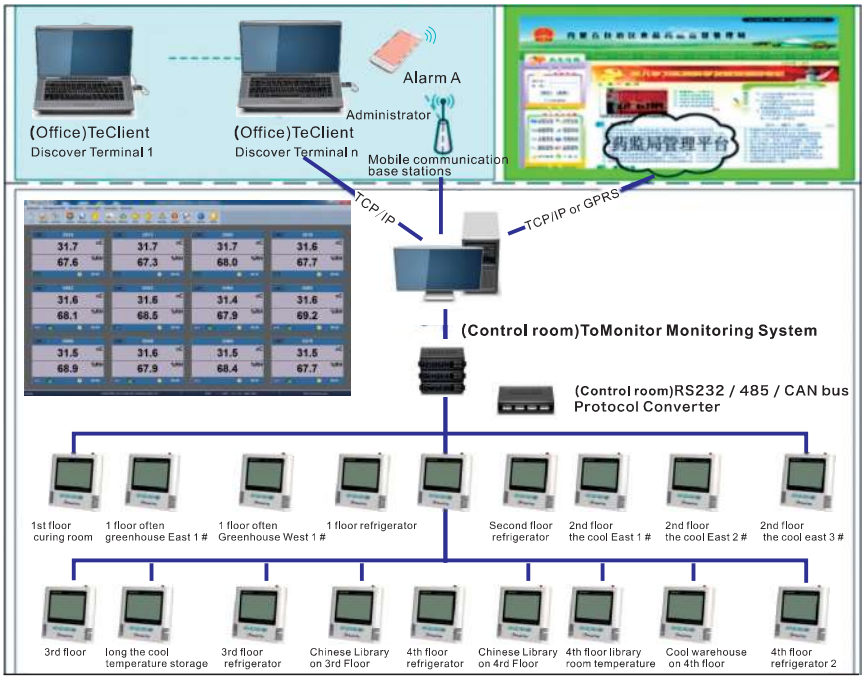
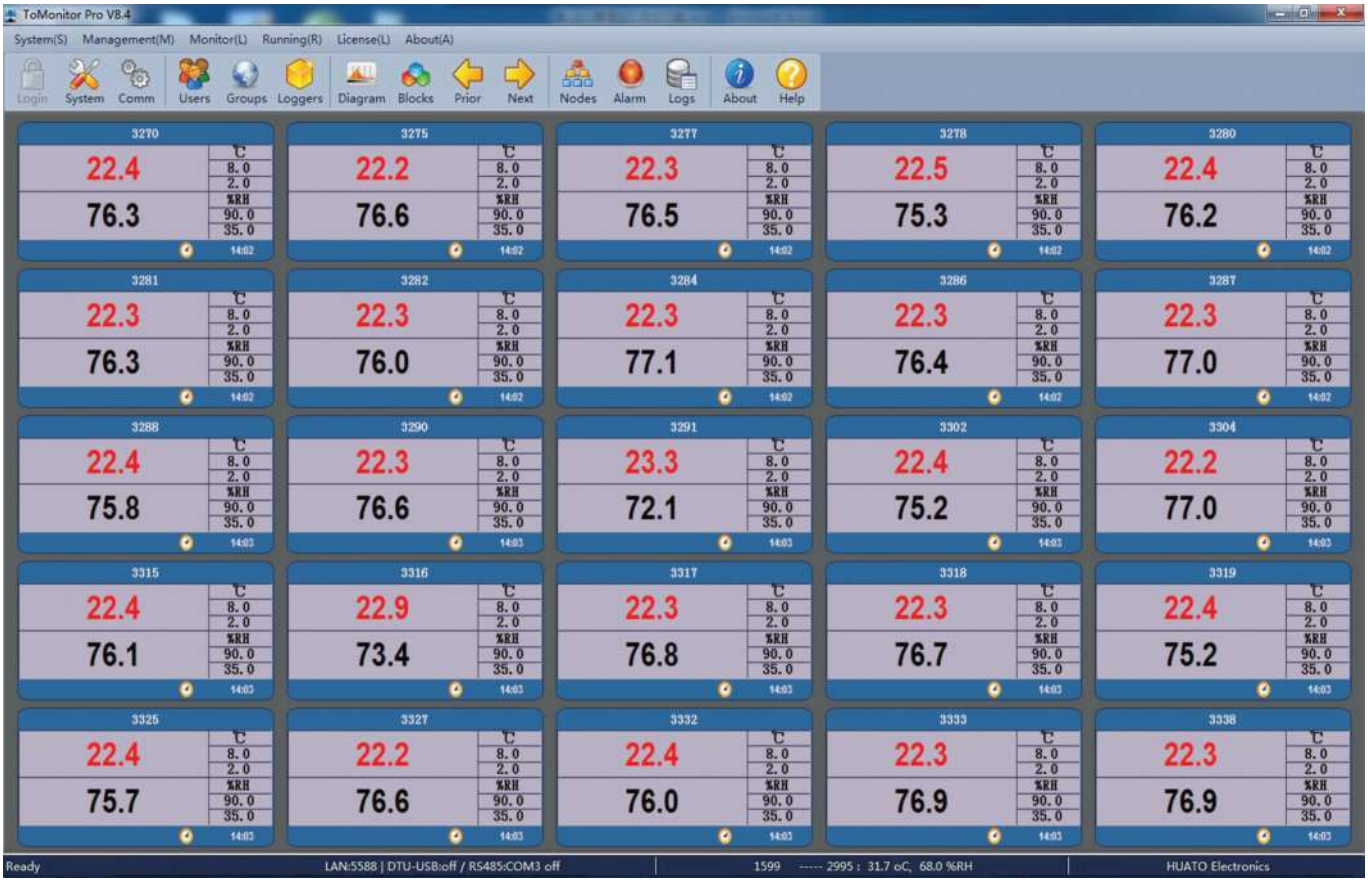
HUATO

Netwoking Tomonitor software

ToMonitor temperature and humidity control system (RS485 / Rj45)

Exceeding The Traditional Recorder Software:

- Monitoring software language: Chinese / English.
- Nice software interface, simple and practical.
- C / S structure, the user can monitor any node in the LAN environment anytime, anywhere.
- Support Access / SQL Server and other relational databases, convenient and flexible expansion.
- 24 hours stable and reliable operation, has been in the China Southern Power Grid, Kyushu-Pharmaceutical Sanjiu Pharmaceutical companies and other large-scale applications wait.
- Enterprise RS-485 Protocol (wired), TCP / IP protocol (LAN), GPRS (wireless) Hungezuwang support Household + sound and light subregion / SMS / e-mail alert.



ToMonitor monitoring software interface