BESANTEK

Wireless Temperature & Humidity Data Logger

BESANTEK Wireless Temperature and Humidity Data Logger is widely applied to laboratory fields, food industry, medical application, pharmaceutical industry, industrial application, environmental protection areas and agricultural research fields.

Features:

- Adaptive and highly sensitive sensor with fast response and high accuracy.
- Using Zigbee 2.4GHz wireless technology.
- Up to 100 meters transmission range (line of sight).
- Logger memory automatically downloaded.
- Real time monitoring on your computer.
- Exceed limit sound and light alarm function.
- Simple, quick and easy to install.
- LCD dual temperature and humidity display.
- Accessories: Instruction manual, software, adaptor, screw and batteries.
- Optional accessories: Wireless base station (RJ45 interface) and GSM modem.

BST-DL114

Technical Specification:

BST-DL114	
Temperature Range	-20°C to 70°C
Temperature Resolution	0.1°C
Temperature Accuracy	±0.5°C
Humidity Range	0~100%RH
Humidity Resolution	0.1%RH
Humidity Accuracy	±3%RH
Sensor Type	Internal temperature and humidity sensor
Recording Capacity	Maximum 8192
Log Interval	2 second ~ 24 hours
Waterproof Level	IP54
Wireless Transmission Rate	115200 BPS
Wireless Antenna	Built-in (2.4G)
Alarm Type	Audible and visual alarm (LED & Buzzer)
PC Interface	Zigbee and USB
Power Source	1.5V (AA) x 4 battery
Dimensions	90 x 87 x 44 mm
Weight	Approx. 330g

- Wireless transmission rate:115200BPS.
- Maximum 32 units data logger to one base station.
- Frequency number supported: 15 Bands.
- Zigbee+RJ45 interface.
- IP address: Fixed IP.

BST-WDL07
Wireless Base Station
(Optional)

- GSM 850/900/1800/1900MHz.
- System will SMS alarm via BST-GSMM.
- RS232/SIM card interface, Built in 15kV ESD protection.

BST-GSMM
GSM Modem
(Optional)

Software Features:

- Remote real time online monitor software.
- Clear interface and easy to operate.
- BSTServer Software:
  - Uploading the data automatically according to the user's setup interval and display the whole real time data of temperature & humidity on the BSTServer software.
  - All the setups can be done through the BSTServer software such as refresh interval, Logging interval, alarm limit, GSM alarm, Email alarm ect.
- BSTClient Software:
  - The history data can be searched by the BSTClient software. The history data can be downloaded as BMP graph, EXCEL, PDF.
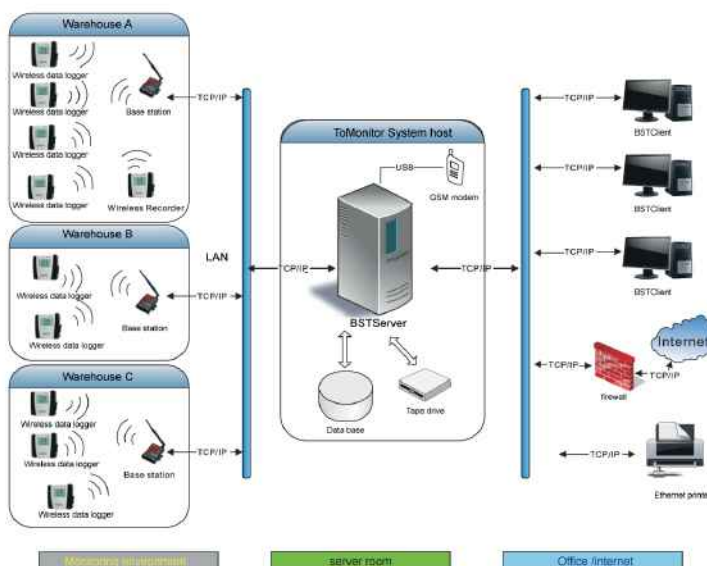

BSTServer Software

BSTClient Software

System Features:

- Power resume function: when the external power off, the data will record in logger (batteries as back up power supply), and will automatically send data to PC once the external power back to normally.
- Alarm functions: exceed limit alarm, disconnection alarm, power off alarm.
- Alarm type: sound & light alarm (only for exceed limit alarm), Email alarm, SMS alarm (optional).

Ordering Information:

- BST-DL114: Wireless Temperature & Humidity Data Logger.
- BST-WDL07: Wireless Base Station.
- BST-GSMM: GSM Modem.