



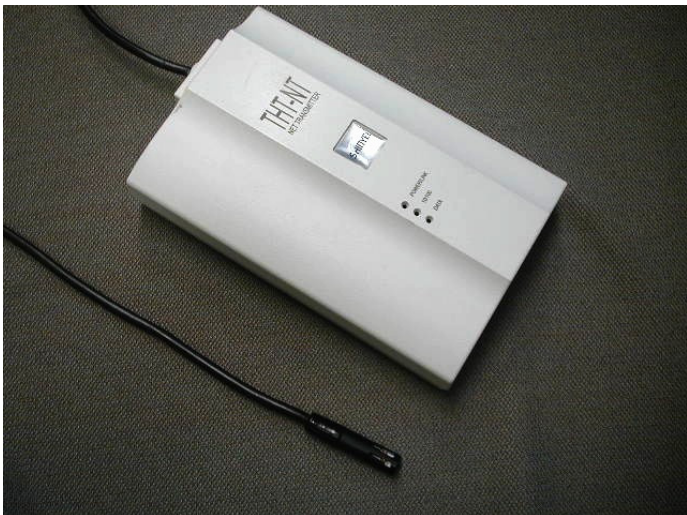
Temperature and Humidity Transmitter

EtherNet*

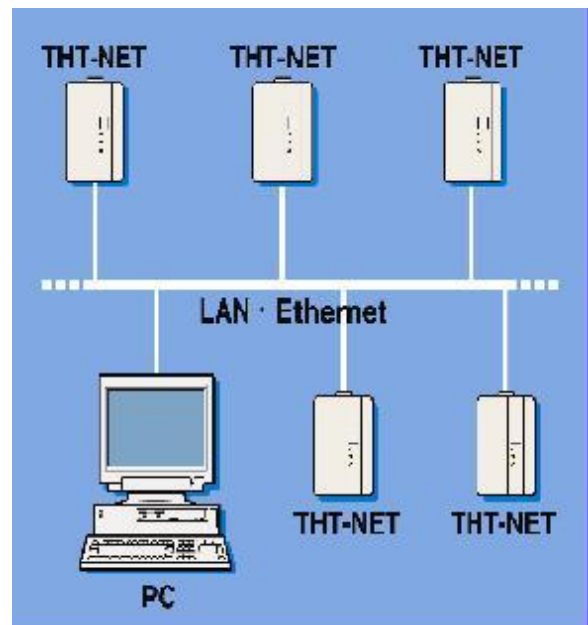
Model THT-NET Series

The THT-NET Series can be linked digitally to any EtherNet* system (LAN) with the purpose of monitoring temperature and humidity. SHINYEI "THT-NET" series is applicable for wide variety of application, such as controlling small scale system of test chambers and large scale system of FA network.

Configuration



Ethernet System



Feature

- * Ethernet is a world wide interface, and you can link it with software and build up a network.
- *.You can use your LAN cable (category 5) as is in your office/factory with THT-NET Series.
- * You can save data collected in each THT-NET unit directly and monitor it.
- * THT-NET unit can take in analog voltage Max.5V.of other measuring instruments such as wind velocity (Optional)
- * For monitoring Temp / Humidity in Food stuff facilities with HACCP mark.
- *For clean room where the quality of commodities is subject to Temp / Humidity changes.

Specification sheet ref. CA02-106 series (page 2 of 2)

Connections**From left side**

- DC 12V plug in
- Reset button
- Mode switch
- EtherNet* plug in

Characteristics

Model		THT-NET
Operating Range	Temperature	-20 to 70deg. C (Sensor) 0 to 50deg. C (Electronics)
	Humidity	95%rh or less (Sensor) Less than 80%rh (Electronics)
Humidity Sensor		Shinyei Humidity Sensor HPR-MQ
Temperature Sensor		Thermistor
Humidity Measurement Accuracy		+/-3 %rh (at 10 to 40deg. C, 30 to 90 %rh)
Temperature Measurement Accuracy		+/-0.5deg. C (at 0 to 50deg. C)
Output	From Temp. & Humidity probe	Temperature, Humidity, Dew point, Humidity Mixing Ratio, Absolute Humidity
Interface		EtherNet * x 1 port
Power supply voltage		12 VDC +/-10%
Consumption		About 500mA
Weight		About 200g

Remark : (1) EtherNet is a trademark of XEROX CORPORATION.

(2) We have the right to revise specifications and product configurations without notice.

Caution for use

! Avoid condensation and drenching.

! Avoid application of the Humidity Sensor in the salt, inorganic gases and organic gases.



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