

High-precision Thermo-hygrometer

Model: UT-5525

Manual

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Chapter 1 Brief Introduction

1.1 Brief

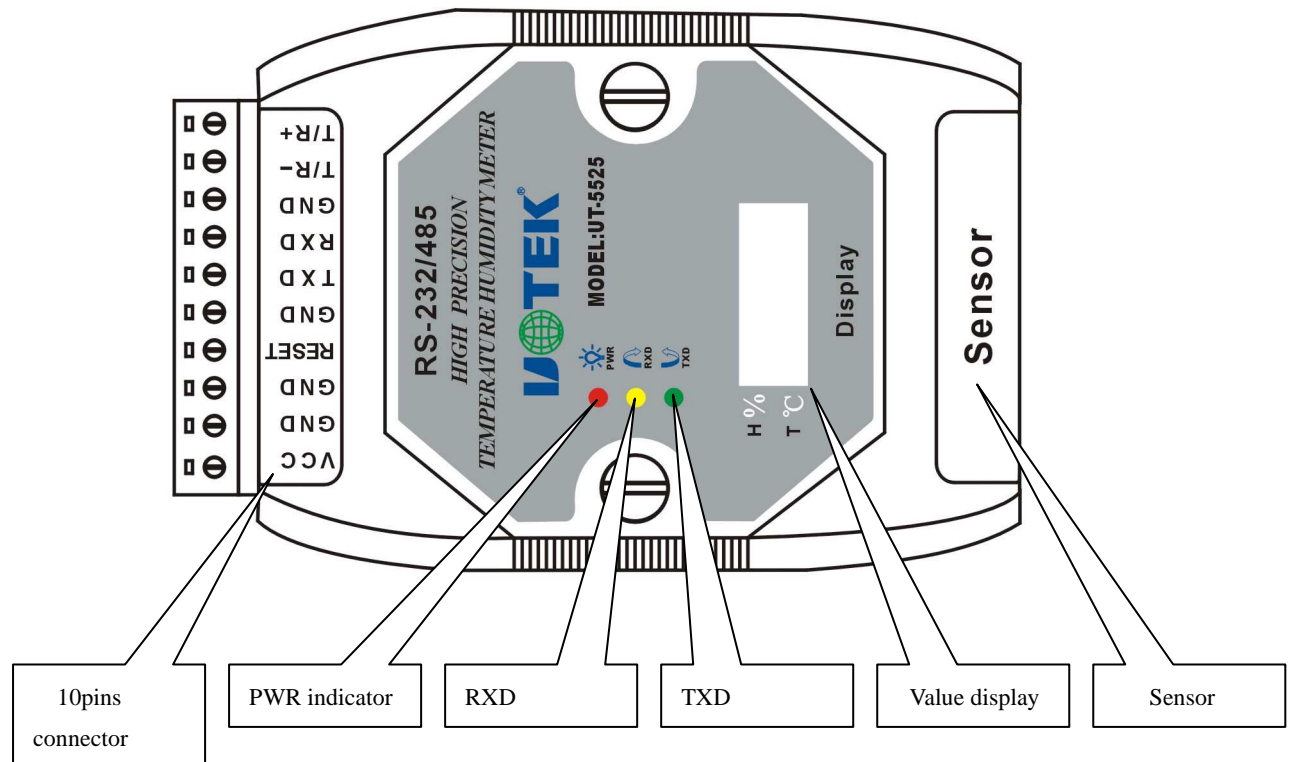
UT-5525 High-precision Thermo-hygrometer, with high accuracy, integrated with LED display, Multi communication way to get readings. Easy to use, easy to connect, Easy to apply, easy to build remote data logging system. Such as warehouse for Food, drug, lab, environment control, etc

1.2 Application scope

- medical
- Storage
- Food
- Climate
- Logistics
- Electronic
- Textiles
- Commercial building
- Super market
- Lab
- Museum /Library

Chapter 2 Introduction

2.1 Profile



2.2 Definition of the pin-out

UT-5525 using 10pin binding post as Input/output interface, definition as below

- GND: Ground
- VCC: DC9---40V input
- T/R+: RS485+
- T/R-: RS485-
- TXD: RS232 TXD
- RXD: RS232 RXD
- RESET

2.3 Specification

Humidity range	0-100%RH
Temperature range	0-99℃
Temperature accuracy	±0.2℃
Humidity accuracy	±0.2%RH
Temperature resolution	0.1℃
Humidity resolution	0.1%RH
Digital display	LED (Humidity: H%/Temp: T℃)
Communication bus	RS-232/485
Power supply	9-40V (DC)
Working environment	0℃～99℃
Working relative humidity	0%～100%
Storage	-45℃～+150℃
Supported OS	win98/win2000/winXP/Vista

In order to protect static shock damage, make sure discharge before installation.

Annex: Packing list and warrantee:

1. UT-5525:1pc
2. Manual and programming Sample Disc: 1pcs

Warrantee: 1year for normal properly usage,

During warrantee term, free to maintenance once performance lower than official specification.

Otherwise, necessary charge for the replacement components should be charged.