Safety Precautions and Instructions
The following items should be strictly obeyed for the safe usage of this product, and for protecting yourself and other people from bodily harm and/or damage to property.

Explanation of Symbols
<Warning Symbols>

DANGER These are actions that absolutely must not be performed. Do not perform these actions.

CAUTION These are actions that should not be performed. Please be careful in case that accidents occurs.

Picture Symbols

Denotes an important warning in caution.
Denotes a torturous action
Denotes an action that should not be performed.

<To Prevent Serious Accidents>

Do not disassemble, repair or modify the unit and/or accessories.
Do not use the unit in any environment that is exposed to harmful fumes. Electrical or other poisonous fumes may cause bodily harm to the user or people nearby.
This product is not water resistant. If water or a foreign object enters the case, immediately remove batteries and stop using it.
Do not touch the unit or AC adapter during thunder and lightning, as this may cause electrocution.
Do not expose the unit to a strong impact. The unit may be damaged or fail to work properly.
Do not use the unit to electronic equipment from static electricity to remove static electricity from your body by touching metal around you (such as a door knob and window frame) before touching the unit.

<Explanation of Symbols>

<Warning Symbols>

Data Logger AA Alkaline Battery
Data Logger Temperature-Humidity
Sensor THA-3001
Data Logger Temperature Sensor
<Picture Symbols>

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<Explanation of Symbols>

<Warning Symbols>

Data Logger AA Alkaline Battery
Data Logger Temperature-Humidity
Sensor THA-3001
Data Logger Temperature Sensor
When continually used in environments with temperatures above 60°C, the accuracy of humidity measurements will decrease over time. Also, humidity cannot be measured at temperatures below -20°C.

For installation, it is necessary to have Administrator (Computer Administrator) rights.

Shows the estimated battery life with Auto-Upload ON.

When using external power, the internal temperature of the logger rises.

When Auto Upload is used frequently, the measurement of the internal sensor may rise by around 0.3°C.

Compatible wire sizes are as follows. Single Wire: 0.32 to Ø0.65, Stripping Length: 9 to 10 mm. (AWG 28 - 22), Twisted Wire: 0.08 to 0.32 (AWG 28 - 22), Ø0.12 to Ø0.32.

Power (*) Battery: AA Alkaline x 2, AA Ni-MH x 2

Communication Interfaces

TR-71wb / 72wb / 71nw: Wireless LAN Communication
Secure: WEP (64/128bit), WPA-PSK (TKIP), WPA2-PSK(AES)
WPS 2.0: Push Button Configuration
Protocol: HTTP(*5), DHCP DNS
TR-71wb / 72wb / 71nw: Bluetooth Communication
Bluetooth 4.2 (Bluetooth low energy)
TR-71wb / 72wb: Wired LAN Communication
100BASE-TX/10BASE-T (RJ45 Connector)
Protocol: HTTP(*5), DHCP DNS
USB Communication
USB 2.0 (Mini-B connector)

Battery Life (*) TR-71wb / 72wb / 71nw: Approx. 10 to 15 months (*)
TR-72wb / 72nw / 75wb: Approx. 10 to 1 year (*)
TR-72wb-S / 72nw-S: Approx. 10 to 1 year (*)
TR-75wb / 75nw: Approx. 10 days to 1 year (*)

Environmental Setting
Temperature: -10 to 60°C (±0.5°C, 50%RH or less) or external factor.

Software
TR-71wbv for Windows, TR71nw, TR72wb, TR72nw
TR-72wbv for Windows / TR72nw Graph / T&D Data Server / T&D Thermos
Microsoft Windows 10 32 / 64 bit
Microsoft Windows 8 32 / 64 bit
Microsoft Windows 7 32 / 64 bit
T&D Therms (For Mobile Devices)
Android OS, iOS (For the compatible versions, please refer to our website.)

Display Languages (12) English

1): Compatible wire sizes are as follows. Single Wire : Ø0.32 to Ø0.65 mm² (AWG 28 - 22), Twisted Wire : 0.08 to 0.32 mm² (AWG 28 - 22), Ø0.12 to Ø0.32 mm².
2): When Auto Upload is used frequently, the measurement of the internal sensor may rise by around 0.3°C. When using external power, the data logger (main unit) and the internal sensor will report a temperature much higher than ambient; we recommend using an external temperature sensor in this case.
3): When continually used in environments with temperatures above 60°C, the accuracy of humidity measurements will decrease over time. Also, humidity cannot be measured at temperatures below -20°C.
4): If you wish to use the WPS feature, set the security type of the wireless LAN access point to "WPA-PSK(AES)" or "WPS2".
6): When using external power, the internal temperature of the logger rises.
7): Battery life is highly dependent on the Auto-Upload interval. During 1 min will give 10 days of usage, and 12 or 13 hours will provide the maximum lifetime. Other influential factors include LAN environment, ambient temperature, recording interval, and battery performance. All estimates are based on operations carried out with a new battery and are in no way a guarantee of actual battery life.
8): Shows the estimated battery life with Bluetooth and Auto-Upload On. It will be 1.2 times longer with Bluetooth OFF.
9): Shows the estimated battery life with Wireless LAN ON.
10): To 10 to 45°C when using external power (TR-71wb / 72wb / 71nw / 72nw only).
11): For installation, it is necessary to have Administrator (Computer Administrator) rights.
12): We recommend using an operating system in the same language as the display language. Operation in different languages is not guaranteed.

The specifications listed above are subject to change without notice.

Important Notices and Disclaimers

T&D Corporation

For product information or questions contact us at:

Tel: +81-50-3208-1842 Fax: +81-50-3208-1852

TR-71wb / TR-71nw
TR-72wb / TR-72nw
TR-72wb / TR-71nw
TR-72wb-S / TR-72nw-S
TR-72wb / TR-75nw
TR-72wb-S / TR-75nw
TR-75wb
TR-75nw

TR-7wb/nw Series Warranty

Product Code (Excluding Accessories) TR-71wb TR-71nw TR-72wb TR-72nw TR-72wb-S TR-72nw-S TR-75wb TR-75nw

Warranty Period 1 year from date of purchase

Date of Purchase

Customer's name Address Phone No.

Distributor's name Address Phone No.

Object of Repair Main Unit (excluding sensors and any other options.)

Method of Repair Send in for Repair

Provisions for Free Repair

1): If the unit does not work properly despite the fact that the customer used it properly, it is in no way the fault of the manufacturer, and the unit will be repaired free of charge through the distributor according to the sales contract.
2): If the customer requests repair for any reason other than a warranty case, we will charge you for repair or service.
3): If the customer requests repair because of a problem of非常好的内, we will charge you for repair or service.
4): If repair or adjustment, modification or installation of the unit has been carried out by a person other than a T&D authorized engineer, the customer or retailer shall be responsible for any damage caused by this intervention.
5): Repair requests that have been repeatedly returned due to the customer's wrong judgments, such as non-repairable situations, etc.
6): For excessive repair cost due to your mistake, or for repairs that are not listed in the warranty period, contact your distributor.

For product information or questions contact us at:

T&D Corporation

For product inquiries, please contact your local distributor. Visit T&D Website for the distributors list.

If you can not find a distributor in your area, please contact our main office in Japan or one of our branch offices in Europe or America.

https://www.tandl.com/purchasing/index.html