

Measurement Items	Temperature	Humidity
Number of Measurement Channels	2 Ch (1 Temperature / 1 Humidity)	
Measurement Range	-30 to 80°C	0 to 99%RH
Measuring Accuracy(*1)	±0.3°C (10 to 40°C) ±0.5°C (at all other temperatures)	±2.5%RH (at 25°C and 10% to 85%RH)
		±4.0%RH (at 25°C and 0% to 10%RH or 85% to 99%RH)
		Add ±0.1%RH/°C (When at other than 25°C, add to the accuracy noted above)
Humidity Hysteresis	-	±1.5%RH or lower(*2)
Measurement / Display Resolution	0.1°C	0.1%RH
Sensor	A Platinum Resistance Sensor	Electrostatic Capacitance Type
Recording Interval	Select from 15 choices: 1, 2, 5, 10, 15, 20, 30 sec. / 1, 2, 5, 10, 15, 20, 30, 60 min.	
Logging Capacity(*3)	8,000 data sets	
Recording Modes	Endless Mode (Overwrite oldest data when capacity is full) One Time Mode (Stop recording when capacity is full)	
LCD Displayed Items	Measurements (Ch.1 only, Ch.2 only, alternating display) / Measurement and Recording Status / Battery Life Warning / Amount of Recorded Data / Unit of Measurement	
Power	1 AA Alkaline Battery (LR6)	
Battery Life(*4)	About 10 months	
Interface	USB Communication, Serial (RS-232C) Communication(*5)	
USB Communication Time	When downloading 1 Unit at full logging capacity: about 8 sec.	
Dimensions / Weight of TR-77Ui Unit	H55 x W78 x D18 mm / about 62 g (including 1 AA battery)	
Operating Environment	Temperature: -10 to +60°C / Humidity: under 90%RH (no condensation)	
Attached Sensor	HHA-3151 x 1	
Accessories Included in Package	AA alkaline battery LR6 x 1 USB Communication Cable x 1 US-15C; length 1.5m Software (CD-ROM) / Hardware User's Manual (Warranty) / Software User's Manual	

*1) When used at temperatures equal to or higher than 0°C, the Humidity Measuring Accuracy will be as shown here.

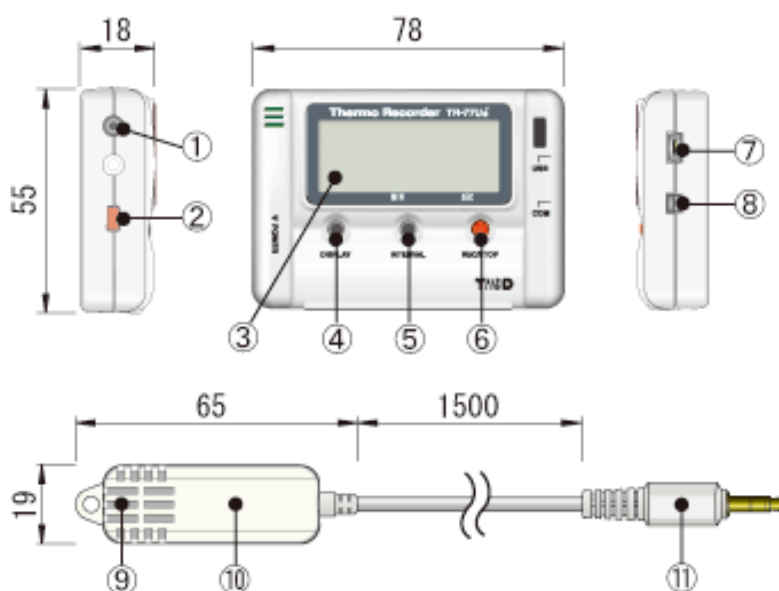
*2) When used at temperature / humidity equal to or lower than the following:
50°C/75%RH, 60°C/50%RH, 70°C/35%RH, 80°C/25%RH

*3) One data set consists of readings for all channels in that type of unit.

*4) Battery life varies depending upon the type of battery, the measuring environment, the frequency of communication, and the ambient temperature in which it is used. When infrared communication function is enabled, battery life may be shortened if the unit is used under the inverter type fluorescent lighting.

*5) If necessary, serial communication can be established by using our TR-77Ui communication protocol (contact your local dealer) to write a software program. In this case, it will be necessary to connect to your computer using our optional serial communication cable (TR-07C). Please contact the dealer where the product was purchased or the T&D Sales Department.

TR-77Ui



- 1: Sensor Jack
- 2: POWER Button
- 3: LCD Display
- 4: DISPLAY Button
- 5: INTERVAL Button
- 6: REC/STOP Button
- 7: USB Communication Cable Jack
- 8: Serial Communication Cable Jack (RS-232C)
- 9: Temperature/Humidity Sensor Area
- 10: Sensor Case
- 11: Sensor Connector