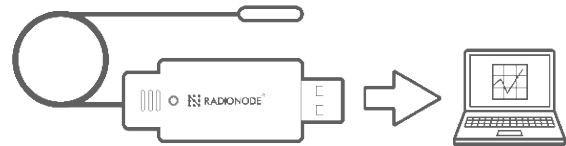




Thermocouple Temperature Transmitter via USB

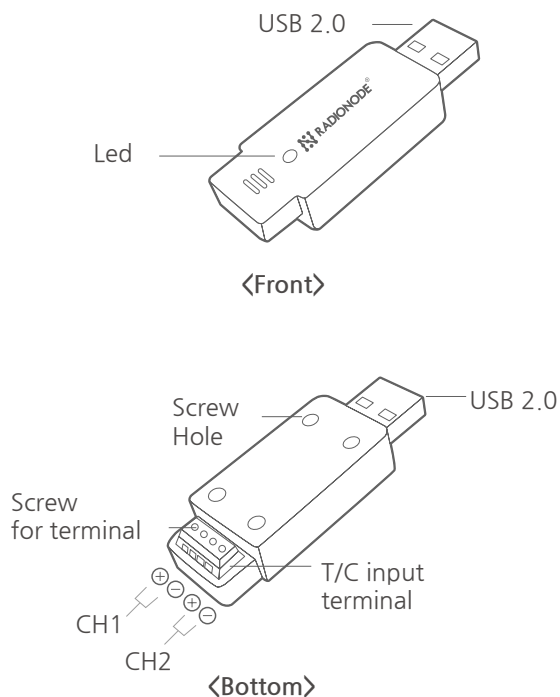
UA11-CTS

- 2CH Real-Time Temperature Transmitter
- T type Thermocouple Support
- a Pre-Calibrated Sensor Included
- Operating On Windows/ Linux / MacOS
- AT Command Support
- PC Recording Software (Tapaculo Lite)
- Android Recording App. (Tapaculo Mobile)

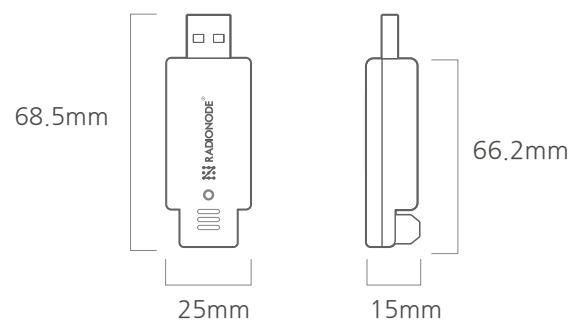


The UA11 device has a two thermocouple input port. It transmits the two channel temperature information to host devices in real-time via the USB connector. It does not have a battery and a memory to store samples inside. The UA Series is automatically recognized as a serial port on operating system and accessed using the AT command. Multiple USB connection of UA device could compose the multi-channel sensor. 128CH real time monitoring software, Tapaculo Lite is downloadable on our website(www.radionode365.com). And android real time recording application is also available from google play store. Optional RN17X model helps UA series for you to setup remote web monitoring system.

Hardware



Dimensions



Notice

- Download the Tapaculo Lite (monitoring software on PC) **from www.radionode365.com**.
- Download the Tapaculo Mobile (monitoring software on Android) from google play store.

Contact Information

- www.radionode365.com
- master@dekist.com



Thermocouple Temperature Transmitter via USB

UA11-CTS Specifications

Power	5V(USB Power), 50mW
External Sensor	Thermocouple T Type
Temp Scale	°C(Default) / °F
Sensing Interval	Min: 100ms
Operating Range	Temp : -40 ~ 80°C (-40 ~ 176°F) Humidity: 5 ~ 95%RH
LED	Device Status Indicator • RED KEEP ON : USB connection Failed • GREEN BLINK : Measuring Sensors
Measurement Range	-100 ~ 300°C (-148 ~ 572°F) ※Check the optional accessory temperature sensor specifications separately.
Accuracy	±0.8°C
Resolution	0.07°C
Input	2CH(1CH: Temp, 2CH: Temp)
Output	USB Digital (AT command) ex> ATCD 12.11, 23.41
USB Port	USB 2.0 Type A Plug
Software Support	*Tapaculo Mobile > 2CH recording software on Android devices *Tapaculo Lite > 128CH recording software on PC *Calibration Software > Calibrator that compensates measuring error.

Application

- Food storage sites(refrigerators, freezers)
- Bio-labs
- Building energy usage monitoring
- Medicine and medical goods storage sites
- Semiconductor production lines

Product Components

Model	Component
UA11-CTS	<ul style="list-style-type: none"> • UA11-CTS(1EA) • PR-T1-3/Thermocouple T Type(1EA) • Calibration Certificate(1EA)

Optional Accessories

Type	Model Number	Spec.
Thermocouple T Type Temp Sensor	PR-T1-3	<ul style="list-style-type: none"> • Measurement Range: -200 ~ 200°C (-328 ~ 392°F) • Length: 3 Meter
	PR-T1-15	<ul style="list-style-type: none"> • Measurement Range: -200 ~ 200°C (-328 ~ 392°F) • Length: 15 Meter
Sensor data transmitter via Ethernet	RN171 WC	<ul style="list-style-type: none"> • Supports cloud monitoring • Supports MODBUS TCP/HTTP data transmission • Power: PoE 48V, IEEE802.3af/at, DC6V, 1.9W
Sensor data transmitter via WiFi	RN172 WC	<ul style="list-style-type: none"> • Supports cloud monitoring • Supports MODBUS TCP/HTTP data transmission • Power: DC6V, 2.4W