

# for Food Safety...

## RTR-601 Wireless Core Temperature Data Logger

Oilproof

Waterproof

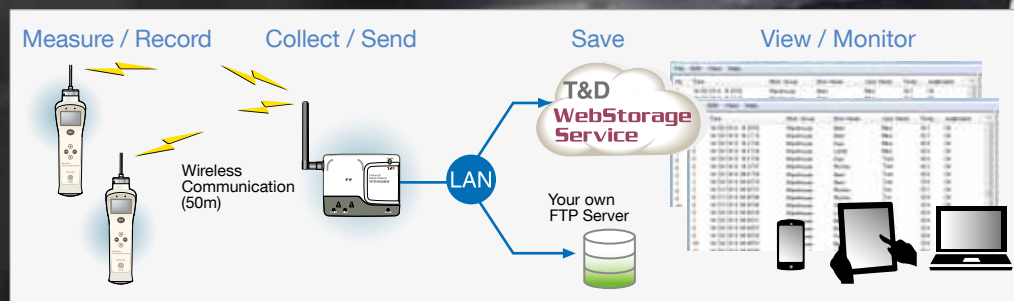
Simple Operation

Non-Contact Charging



- One press of a button logs all your measurement data: temperature, time, user, item, and alarm.
- Totally sealed design ensures no oil or water corrosion.
- Free software makes registration and setup a snap.

Auto upload logged data to our cloud service or your FTP server for easy viewing from mobile devices and PCs



## Product Lineup



- ① RTR-601-110 ( Short Sensor )
- ② RTR-601-130 ( Long Sensor )
- ③ RTR-601-E10 ( Cable Type Short Sensor )
- ④ RTR-601-E30 ( Cable Type Long Sensor )

Each sensor type has a different tip shape: the long type sensor has a round tip; and the short type sensor has a sharp tip (for piercing target object).

## Battery Charge Dock



**RTR-6BD ( required )**  
Battery Charger with USB Communication

Accessories:  
AC Adaptor ( AD-05A3 )  
USB Communication Cable ( US-15C )  
Wall Mount Screw ( x 3 )

## Compatible Base Units / Repeaters



**RTR-500NW/AW**  
Base Unit ( required )



**RTR-500**  
Repeater ( optional )

## RTR-601 Specifications

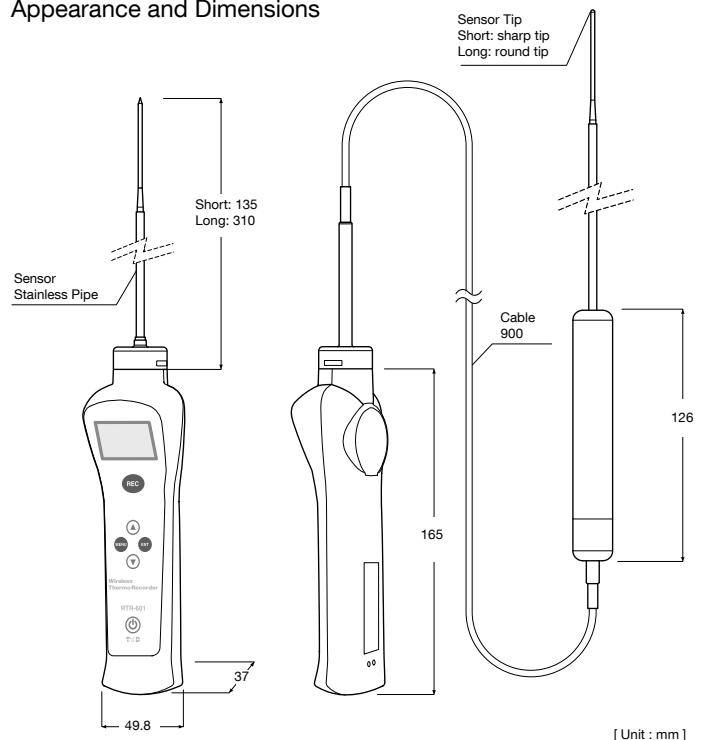
Measurement Channels	Temperature 1ch
Sensor	Platinum Resistance ( Pt1000 )
Measurement Units	°C, °F
Measurement Range	-60 to 250 °C
Accuracy	±0.5 °C [ -10 to 150 °C ] ±1.0 °C [ -60 to -10°C / 150 to 250 °C ]
Measurement Resolution	0.1°C
Responsiveness	Thermal Time Constant: Approx. 12 sec. (in air) Approx. 2 sec. (in agitated water) Response Time (90%): Approx. 60 sec. (in air) Approx. 3 sec. (in agitated water)
Measurement / Display Interval	0.5 sec.
Recording Items	Temperature, Measurement Time, User, Item, Judgement Result
Logging Capacity	1,800 readings
Recording Mode	Endless ( Overwrite oldest data when capacity is full )
LCD Display Items	Temperature, Current Date / Time, User, Item, Battery Level, etc.
Communication Interfaces	Wireless Communication ( Short Range Radio Communication ) FCC Part15 Section247 / IC RSS-210 ( Frequency Range: 902 to 928MHz, RF Power: 7mW )
Wireless Transmission Range	Approx. 50 meters if direct and unobstructed
Power	Two included AAA Ni-MH batteries ( Non-Contact Charging System ) (*1)
Battery Life	Approx. 24 hours (for Continuous Operation with Backlight Always ON)
Dimensions	H 165 mm × W 49.8 mm × D 37 mm ( excluding sensor ) Sensor Length: Short type 135 mm, Long type 310 mm
Weight	RTR-601-110 ( Short Sensor ) Approx. 135 g RTR-601-130 ( Long Sensor ) Approx. 150 g RTR-601-E10 ( Cable Type Short Sensor ) Approx. 185 g RTR-601-E30 ( Cable Type Long Sensor ) Approx. 200 g
Operating Environment	-10 to 60 °C
Waterproof Capacity	IP68: Submersible
Accessories	User's Manual ( Warranty Included )
Compatible Base Units / Repeaters	Base Units: RTR-500NW / 500AW / 500 (*2) Repeater : RTR-500

\*1: A Battery Charge Dock (RTR-6BD) needs to be purchased separately.

\*2: Customers wishing to use the RTR-500 as a Base Unit, please contact your local distributor for the communications protocol specifications to write your own software.

The specifications listed above are subject to change without notice.

## Appearance and Dimensions



■ Distributor

**TAND T&D Corporation**

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