

# [Tele thermo R] Telemetry Receiver (WTR-100R)

# Easy Measure

**[Measurement Made Easy]**

Ready to use  
Easy to use for anyone  
Carry & use anywhere

For any field of rotation measurements.



### [Features]

- ◆ High-functionality Receiver
  - Auto zero, Battery voltage monitoring
  - Antenna mode selection (Single/Double)
  - Sampling speed selection
- ◆ Low power consumption
  - At slow sampling speed
  - Sleep function (transmitter)
- ◆ Multi-channel
  - Standard: 1-4 channels
  - Option: More channels

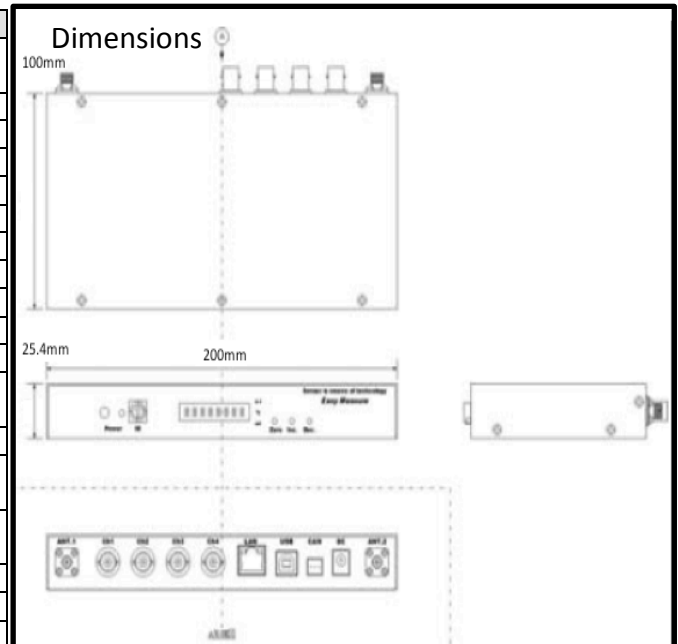
### [General]

Easy Measure's rotating telemetry, **[Tele thermo R]**, has been used in wide industry areas for its easy installation, excellent wireless performance, and high precision & strong noise resistance.

Conventionally, depending on the installation environment, we have been confirming appropriate antenna mode or sampling speed to choose the telemetry product. When the environment changes, however, the product cannot be used or the wireless communication may temporarily stop. We have developed a new telemetry receiver, WTR-100R, to solve the problem.

### Specifications

Items	Specifications
Analog Signal	Wirelessly received measured data (acceleration) are converted to analog output.
Output Function	Channels
Channels	1-4 Channels
Output Format	Max. $\pm 10V$ : Range can be set by PC software
Output Connector	BNC
Allowable Load Resistance	2k $\Omega$
Output Impedance	<100 $\Omega$
D/A Resolution	16bit
D/A Accuracy	$\pm 0.05\%$ FS (typ.)
Data Update	Max. 4,800Hz
Output Range	Set by PC
PC Interface	USB2.0
Data Retention Function	Keeps the previous data when wireless communication stops. Outputs 0 volt if not set.
Wireless Channel	Changeable by PC software
Wireless Connection Indicator	Lamp is ON when wireless communication is linked. Lamp is OFF when it is disrupted.
Digital Monitor Display	Can monitor the measured data (acceleration) or the transmitter supply voltage.
Power/ Consumption	DC9-18V, or dedicated AC Adaptor (12V/1A)
Environment	0 to +50 deg.C, 10-85%RH (no condensation)
Dimensions/Weight	130[W] x 95[D] x 46[H] mm, about 600g



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**Sensor is source of technology**  
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