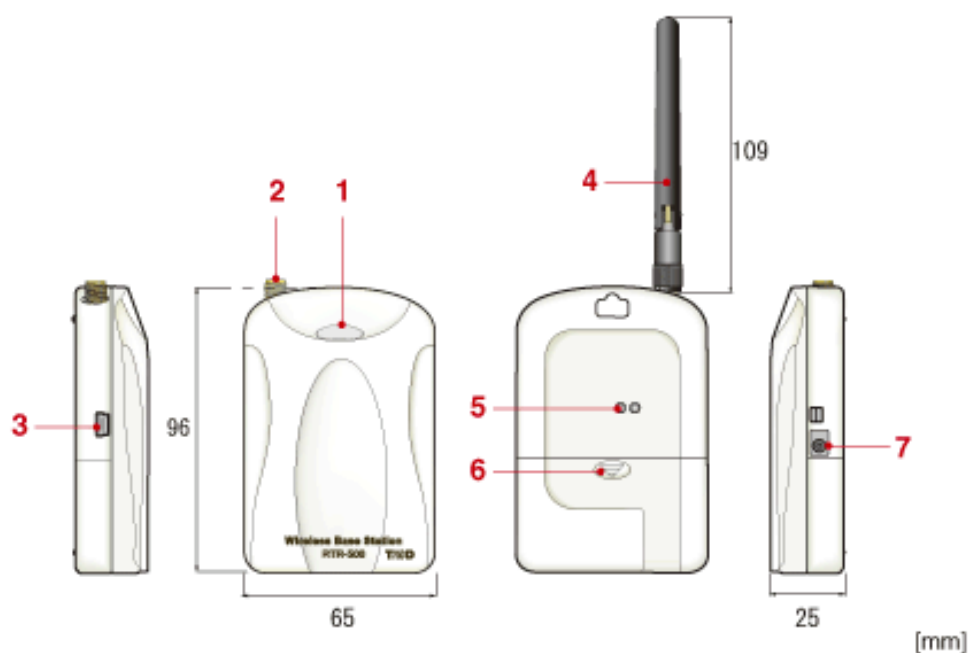


RTR-500 (FCC model / CE model)	As a Base Unit	As a Repeater
Compatible Devices	Remote Units: RTR-501/502/503/507/574/576/505-TC/505-Pt/505-V/505-mA/505-P, RTR-501L/502L/503L/505-TCL/505-PtL/505-VL/505-mAL/505-PL/507L Repeater: RTR-500	Base Unit: RTR-500, RTR-500GSM, RTR-500NW/500AW
Features and Functions	When connected to a PC with "RTR-500 for Windows" running: 1. Auto-Downloading of Recorded Data (E-mail / FTP) 2. Auto-Sending of Current Readings (E-mail / FTP) 3. Warning Monitoring (E-mail)	-
Types of Warning Monitoring	Remote Unit Measurement Warnings, Cumulative Illuminance/Amount of UV Light Warnings (RTR-574), Remote Unit Wireless Communication Error Warnings, Remote Unit Battery Level Warnings, Remote Unit Sensor Error Warnings	-
Power	USB bus power	AA alkaline battery x 2, AC adaptor (AD-0638 or AD-0638-C)
Operating Voltage	2.5V to 7.0V	
Current Consumption	Approx. 50mA (Wireless Communication)	
Communication Interfaces	USB (with PC) Optical Communication (with Compatible Remote Units other than RTR-574/576)	
LED Display	Lamp ON: Connected to PC with USB cable Blinking: During Wireless Communication and/or PC Communication	
Battery Life	-	About 6 months *
Dimensions	H 96mm x W 65mm x D 25mm (excluding protrusions) Antenna Length : 109mm	
Weight	About 71g (without batteries)	
Operating Environment	Temperature: -10 to 60°C (-30 to 60°Cwhen using external power) Humidity: 20 to 80%RH (no condensation)	
Other	Not waterproof, moistureproof, or dustproof.	
*When used for wireless communication five minutes a day. Battery life varies depending upon the ambient temperature in which it is used, the frequency of communication, and the 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.		
Short Range Radio Communication		
RF Power	FCC model 7mW / CE model 5mW	
Radio Standard Specifications	FCC Part15 Section247 / IC RSS-210 (Frequency Range: 902 to 928MHz ) ETSI EN 300 220 (Frequency Range: 869.7 to 870MHz)	
Transmission Range	About 150 meters (500ft) if direct and unobstructed.	
Communication Time	When downloading one Remote Unit at full logging capacity: RTR-501/501L, 502/502L, 503/503L, 505/505L, 507/507L : About 120 sec.* RTR-574: About 240 sec,RTR-576: About 180 sec.* * The same amount of time will be necessary for each added Repeater.	
Network Communication		
Data Transfer Protocol	Data Transmission Protocol When used as a Base Unit connected to a PC with "RTR-500 for Windows" running : Auto-Downloading of Recorded Data / Auto-Sending of Current Readings: ReadingsFTP (PASV mode also supported) SMTP (SMTP-AUTH, POP-before SMTP) *SMTP-AUTH supports PLAIN, LOGIN and MD5 Warning Monitoring: SMTP (SMTP-AUTH, POP-before SMTP) *SMTP-AUTH supports PLAIN, LOGIN and MD5	

**RTR-500**



- 1: Monitor LED
- 2: Antenna Connector
- 3: USB (MiniB) Jack
- 4: Antenna
- 5: Optical Communication Area
- 6: Battery Cover
- 7: AC Adaptor Connect Jack