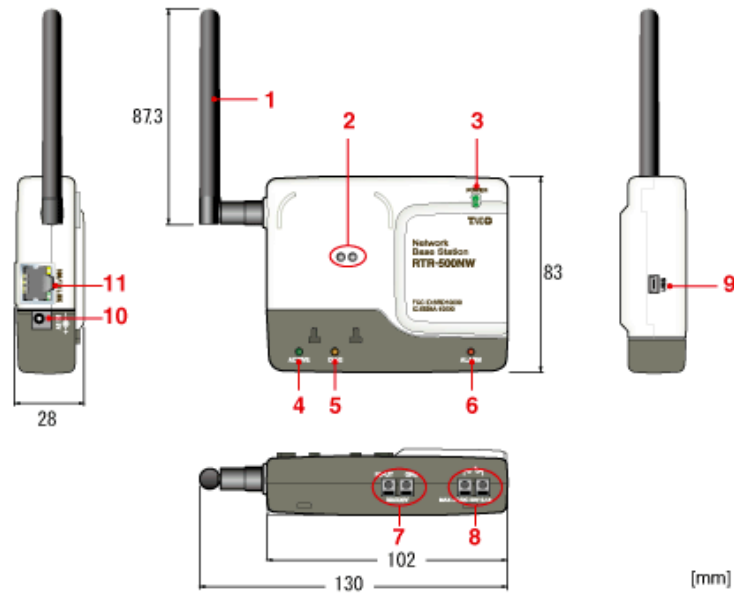


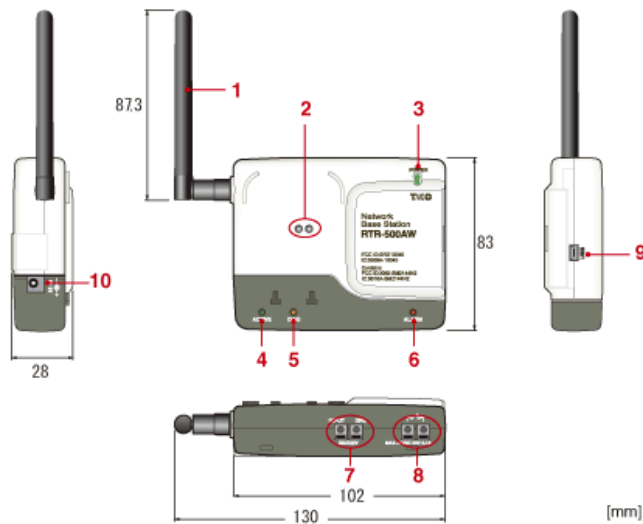
RTR-500NW/AW (FCC model / CE model)	
Compatible Devices	Remote Units: RTR-501/502/503/507/574/576/505-TC/505-Pt/505-V/505-mA/505-P, RTR-501L/502L/503L/507L/505-TCL/505-PtL/505-VL/505-mAL/505-PL Repeater: RTR-500
Features and Functions	1. Auto-downloading of Recorded Data (E-mail /FTP) 2. Automatic Sending of Current Readings (E-mail / FTP) 3. Warning Monitoring (E-mail / Contact)
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, Base Unit External Contact Input Warnings
Power	AC Adaptor AD-0638 or AD-0638-C
Current Consumption	RTR-500NW: Approx. 300mA RTR-500AW: Approx. 400mA
Communication Interfaces	USB (with PC) Optical Communication (with Compatible Remote Units other than RTR-574/576) Wired LAN (RTR-500NW) Wireless LAN (RTR-500AW)
LED Display	POWER, ACTIVE, DIAG, ALARM
Dimensions	H83mm x W102mm x D28mm (excluding protrusions) Antenna Length: 87.3mm
Weight	RTR-500NW: About 130g RTR-500AW: About 120g (including antenna for each)
Operating Environment	Temperature : -10 to 60 °C Humidity : 20 to 80%RH (no condensation)
Other	Not waterproof, moistureproof, or dustproof.
Short Range Wireless 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 (500 ft) if direct and unobstructed.
Communication Time	When downloading one Remote Unit at full logging capacity: RTR-501/501L/502/502L/503/503L/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.
Data Transfer Protocol	Auto-Downloading of Recorded Data / Auto-Sending of Current Readings: FTP (PASV mode also supported) SMTP (SMTP-AUTH, POP-before SMTP) *SMTP-AUTH supports LOGIN only Warning Monitoring: SMTP (SMTP-AUTH, POP-before SMTP) *SMTP-AUTH supports LOGIN only
LAN Communication Specifications	
Wired LAN (RTR-500NW)	RJ45 Connector 100Base-TX / 10Base-T AutoMDI / MDI-X
Wireless LAN (RTR-500AW)	Internal wireless LAN antenna IEEE 802.11b/g WEP (64bit/128bit) / WPA-TKIP / WPA2-AES
Contacts (Warning Output/Input)	
Output Terminal	Voltage when OFF: DC less than 50V Current when ON: less than 0.1A or less Resistance when ON: 15Ω
Input Terminal	Internal Pull-up : 3V 100kΩ Maximum Input Voltage : 30V

RTR-500NW



- 1: Antenna
- 2: Optical Communication Area
- 3: POWER LED
- 4: ACTIVE LED
- 5: DIAG (Diagnosis) LED
- 6: ALARM LED
- 7: External Input Terminal
- 8: External Output Terminal
- 9: USB Mini Connector (Mini-B)
- 10: AC Adaptor Jack
- 11: LAN Cable Connector (RTR-500NW only)

RTR-500AW



- 1: Antenna
- 2: Optical Communication Area
- 3: POWER LED
- 4: ACTIVE LED
- 5: DIAG (Diagnosis) LED
- 6: ALARM LED
- 7: External Input Terminal
- 8: External Output Terminal
- 9: USB Mini Connector (Mini-B)
- 10: AC Adaptor Jack