Thermo Recorder

Thermo Recorder log-EZ

REC DATA ENDLESS

32.2°C

T&D

How hot is it in the storage room?

What's the humidity in the cellar?

No need to run around...

Get in the know, Now...from your PC.
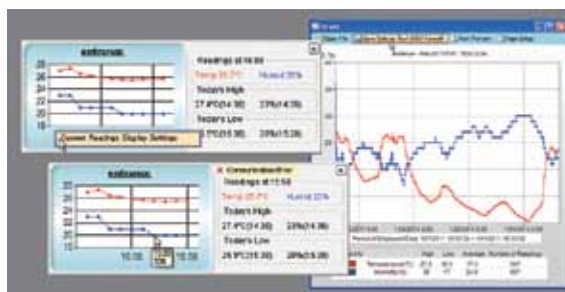
Compact, Easy-to-Use and Inexpensive!

Easy Wireless Communication

Download recorded temperature and humidity data from the log-EZ to your PC via wireless communication.

- No need to gather the log-EZ units to check or collect data.
- Download recorded data automatically from the log-EZ to your PC at a set time of day.

Easy Checking of Data

View current readings and previously recorded data in graph form.

- Monitor current readings and highest / lowest readings on PC.
- View recorded data in graph, print out, and save as text.
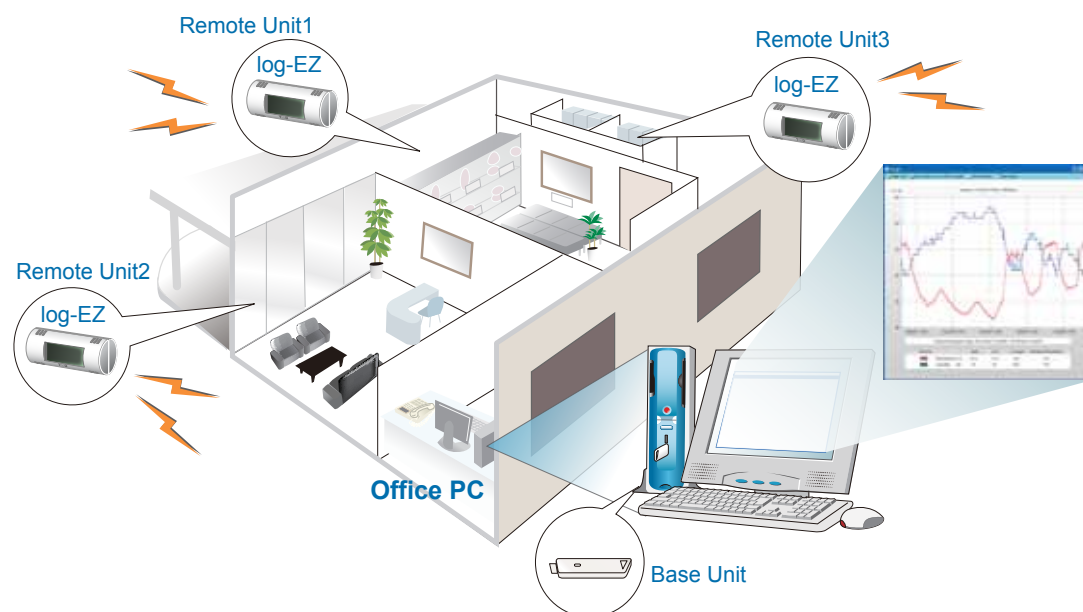
Easy to Add New Units

Temperature and humidity monitoring and management across multiple rooms in a house with up to 16 log-EZ units.
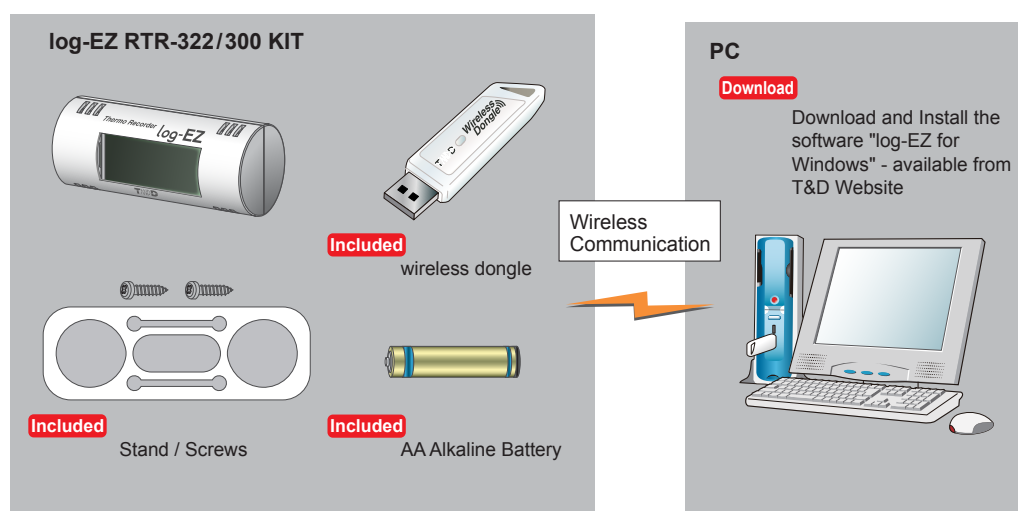
- Possible to manage a total of 16 log-EZ units with one computer to which the Wireless Dongle is connected.
- A log-EZ can not only measure and record data but also relay the data recorded by other log-EZ units, expanding the wireless communication range.

Application Examples

The user-friendly log-EZ can be easily used to measure and record temperature and humidity in various places such as homes and office buildings. It is possible to manage data recorded by multiple log-EZ units, that are placed in distant rooms, via one computer. Also, wireless communication makes data transmission easy and simple with no need for cables or gathering the log-EZ units to collect data.
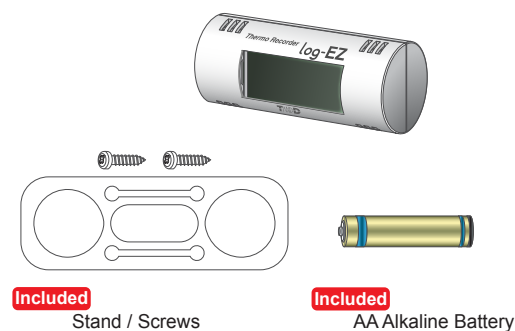

Remote Unit1 — log-EZ
Remote Unit3 — log-EZ
Remote Unit2 — log-EZ
Office PC
Base Unit

Components

log-EZ RTR-322/300 KIT

Thermo Recorder log-EZ

Included
wireless dongle

Included
Stand / Screws

Included
AA Alkaline Battery

PC

Download
Download and Install the software "log-EZ for Windows" - available from T&D Website

Wireless Communication

■Additional Remote Unit

Single log-EZ (RTR-322)
* Can also be used as a Repeater.

Thermo Recorder log-EZ

Included
Stand / Screws

Included
AA Alkaline Battery

Spec

| Number of Channels	Temperature 1Ch	Humidity 1Ch
Measurement Range	0 to 50	15 to 90%RH
Display Resolution	0.1	1%
Accuracy	±1 0 to 50	±6%RH At 25 50%RH
Recording Interval	10 min. Fixed	
Storage Capacity *1	1,440 Readings One reading is a set of data which includes measurements for that unit type's number of channels.	
Recording Mode	Overwrite the oldest data when capacity is full	
LCD Display	Measurements Temperature and Humidity: alternating display	
Communication Method	Wireless Communication internal antenna between "log-ez" RTR-322 and "Dongle" RTR-300	
Dimensions	Tubular Shape Dia 36mm × L85mm	
Weight	About 62g including AA Alkaline Battery	
Power	AA Alkaline Battery × 1	
Battery Life	About 6 months *2	
Radio Standard Specifications	FCC Part15 Section247 / IC RSS-210 / ETSI EN 300 440-2 Frequency Range: 2433 to 2482MHz *3	
Wireless Communication Range	About 50 meters [160ft] if unobstructed and direct	
Operating Environment	Temperature: 0 to 50 *4 Humidity: 90%RH or less without condensation	
Compatible OS with Software	Microsoft® Windows® 7 32bit / 64bit English Microsoft® Windows Vista® 32bit English Microsoft® Windows® XP 32bit SP2 or above English	

Options

Wireless Dongle   RTR-300
■Place between a Base Unit and a Remote Unit to use as a Repeater.

* When using as a Repeater, the optional AC adaptor is needed.

Stand / Screws   AT-32K1
■Use the stand to place the log-EZ on a flat surface or with the screws hang on a wall.
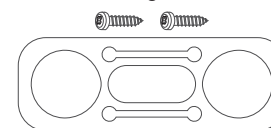
*1 □Storage Capacity is the amount of data which can be stored in the unit; when the capacity is full, the oldest data is overwritten and recording continues.In order to store data continually, a PC is needed to receive data.
*2 □Battery life varies depending upon measuring environment, frequency of communication, and battery performance. (Example: If used at an interval of 1 min. to collect current readings, battery life expectancy is about 1.5 months.)
*3 This Unit is not for use with a wireless LAN.
*4 □In environments where the temperature exceeds or falls below this range, there may be occasions when the recorded data is lost.

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INSTRUMENTS
Measurement and data acquisition solutions