

# Bluetooth® Data Logger

## TR32B log-EZ Features and Specs

### Measurement Items

Temperature  
Humidity

### Data Collection

Smart phone/Tablet  
( via Bluetooth )

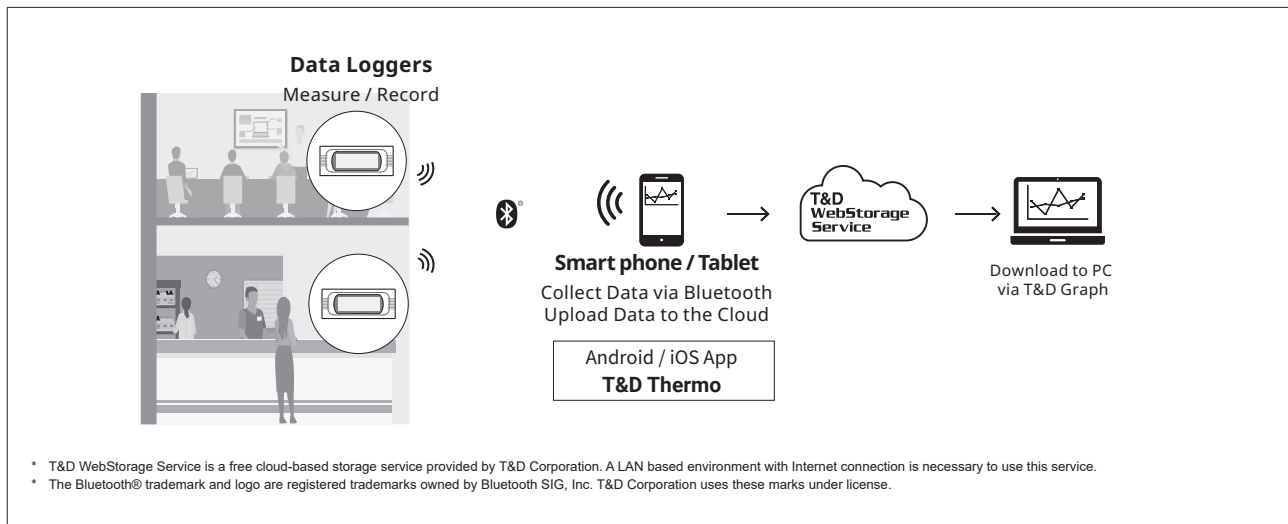
### Data Access

Smart phone/Tablet  
WebStorage Service

### Warning Notification

None

The TR32B is a simple temperature/humidity data logger with a compact and friendly form design perfect for home or office use. It is compatible with smart devices and cloud computing, making it easy to manage temperature and humidity within everyday environments.



### Very Simple to Use

Simply insert an AA alkaline battery to start measuring and recording temperature and humidity.

### Compact and Friendly Design

Its round design form with the sensor internalized fits well in homes and offices.

### Bluetooth Connection with Smartphone

The Bluetooth feature of TR32B allows easy setup and data collection using our free "T&D Thermo" application running on your mobile device.

The TR32B can be used in countries where the following regulations are applied: FCC (USA), ISED (Canada), CE (EU), UKCA (Great Britain), and ARIB (Japan). Usage in countries or areas which follow regulations other than those defined by the above bodies is illegal.

### Data Transfer to the Cloud

The data retrieved by the mobile device can be uploaded to the cloud-based "T&D WebStorage Service" for anytime anywhere access. Data can also be downloaded from the cloud to a PC for further analysis.

### 15 Recording Intervals

Select from 15 recording interval choices from 1 second to 60 minutes. It is capable of measuring and recording up to 8000 data sets. When the capacity is full, the oldest data is overwritten and recording continues.

### One Year of Operation with Just One Battery

It runs on a single AA alkaline battery for about one year when using a recording interval of more than 10 seconds and collecting data once a day.

\* Actual battery life is not guaranteed.

## TR32B log-EZ Specifications

	TR32B	
Measurement Channels	Temperature 1ch	Humidity 1ch
Sensor (Internal)	Thermistor	Polymer Resistance
Measurement Units	°C, °F	%RH
Measurement Range	0 to 50 °C	10 to 90 %RH
Accuracy	±0.5 °C	±5 %RH at 25°C, 50 %RH
Measurement Resolution	0.1 °C	1 %RH
Responsiveness	Response Time (90%): Approx. 21 min.	Response Time (90%): Approx. 21 min.
Logging Capacity	8,000 data sets (One data set consists of readings for temperature and humidity.)	
Recording Interval	Select from 15 choices: 1, 2, 5, 10, 15, 20, 30 sec. or 1, 2, 5, 10, 15, 20, 30, 60 min.	
Recording Mode	Endless (Overwrite oldest data when capacity is full)	
LCD Display Items	Measurements (alternating display), Battery Life Warning, etc.	
Communication Interfaces	Bluetooth 4.2 (Bluetooth low energy)	
Communication Time	Data Download Time (full logger) : Approx. 15 seconds	
Power	AA Alkaline Battery LR6 x 1	
Battery Life (*1)	Approx. 1 year (*2)	
Dimensions	H 36 mm x W 85 mm x D 36 mm	
Weight	Approx. 40 g	
Operating Environment	Temperature : 0 to 50 °C Humidity : 90 %RH or less (no condensation)	
Accessories	AA Alkaline Battery LR6, Registration Code Label, Stand, Screw x 2, User's Manual Set (Warranty Included)	

\*1: Battery life varies depending upon multiple factors including ambient temperature, recording interval, frequency of communication, and 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.

\*2: Estimated battery life when recording data at an interval of more than 10 seconds and collecting data once a day.  
The specifications listed above are subject to change without notice.