



# DT-191A

## Temperature and Humidity Data Logger

The CEM DT-191A, Plug-PDF Temperature / Humidity datalogger can monitor temperature and humidity values efficiently and conveniently for long. The readings are saved in the logger and simply read out by your PC with USB interface. The innovative tamper proof USB flash disk PDF report generation feature makes it a very reliable tool for accurate Temperature and Humidity measurement and datalogging. Simply plug in the device into any USB and the device generates a PDF report of the untampered data. For more in-depth analysis of the data, like graphing, etc. you can use the analysis software provided.



Tamper proof  
data download  
in PDF format  
Just connect to a computer  
no software needed

OR



Download data in  
Excel format using  
provided software

### FEATURES

- Temperature and humidity datalogger
- Instantaneous untampered PDF report on plugin to USB
- Freely selectable sample rate 1 min to 24h
- Clear Large LCD Display of Current / MAX / MIN Temperature and Humidity readings
- Easy USB interface with software for in-depth analysis
- Long Battery life up to 1 year (1 minute sample rate)
- Alarm display if user-defend maximum / minimum value is exceeded
- Robust analysis software for graph view of logged data and data export

### SPECIFICATIONS

- Temp. Range : -40 to 70°C / -40 to 158°F
- Temp. Accuracy :  $\pm(1^{\circ}\text{C} / 1.8^{\circ}\text{F})$
- Temp. Resolution :  $0.1^{\circ}\text{C} / 0.1^{\circ}\text{F}$
- Humidity Range : 0 to 100%RH
- Humidity Accuracy :  $\pm 3.5\% \text{RH}$
- Humidity Resolution :  $0.1\% \text{RH}$
- Memory : 40020(20010 per channel)
- Sample Rate : User selectable from 1 min to 24 hours interval
- Battery Life : 1year (Sample rate 1 minute)
- PDF Report : Immediately USB flash disk PDF report
- Analysis Software : Windows XP / Vista / win7 / win8 / win10

#### General Information

##### Device Information

Model: DT-191A(T+RH) Serial ID: 191A\_17041100001  
Owner: Logger ID: 0001

##### Data Logger Setting

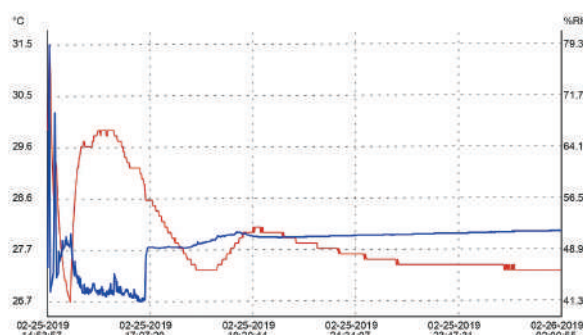
Record Start Condition: Start upon keypress Start Time: 02-25-2019 14:53:57  
Sampling Rate: 25Sec Stop Time: 02-26-2019 02:00:55  
Data Count: 20010 Recorded Time: 11Hours,6Min,56Sec

##### Alarm Status

Alarm: Enable

#### Graph

Temperature: Minimum: 26.7°C Maximum: 31.5°C  
Relative Humidity: 41.3%RH 79.3%RH



DT-191A .pdf  
Version:V1.0.0.170228

Signature

**Accessories** : 3V Lithium battery, Analysis Software and Clamshell

**Size (HxWxD)** : 75mm x 35mm x 16mm

**Weight** : 50g