

KCM-TF Data logger Instruction manual

1. Features:

This data logger is mainly used for temperature recording during storage of foodstuff, medicine, chemicals and other products, such as refrigerated trucks refrigerated package, cold storage, laboratory, etc.

This Data Logger adjustable record intervals for convenient and reliable temperature data recording, monitoring and analysis.

This Data Logger's data could be queried, saved, printed and exported in Excel/TXT format through USB interface.

And it comes with data management software for easy data download to computers through USB interface. With the software, you could analyze data in form of tables and graphs.

2.Specification:

Data storage options: TF / Micro SD Card

Record interval: 1s~1hour adjustable

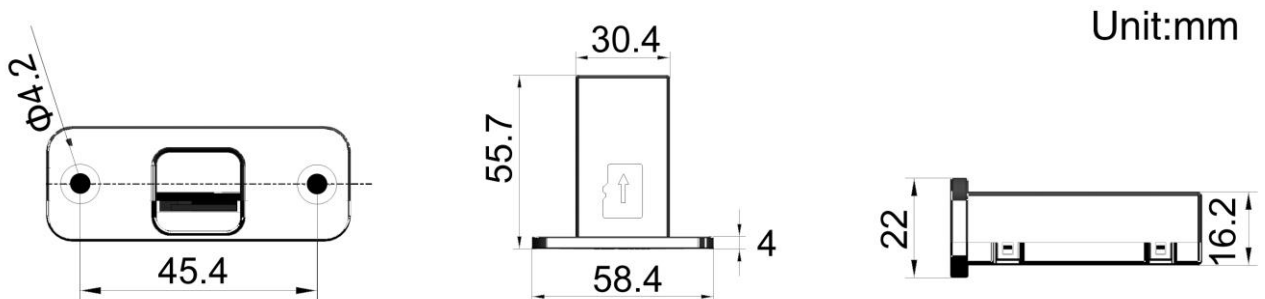
Record capacity: A 1GB Micro SD Card can hold more than 15,768,000 points of data

Work environment

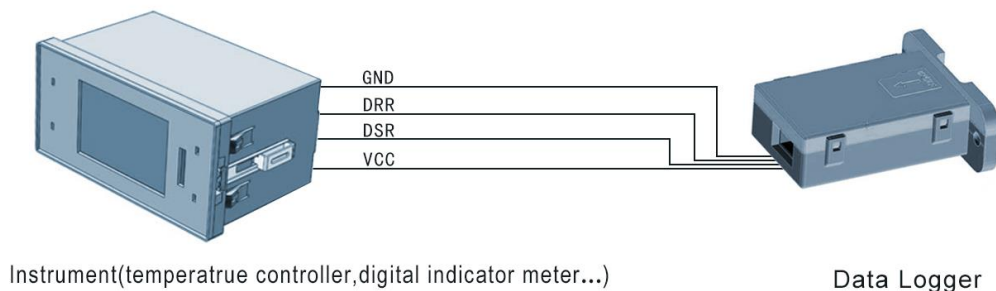
Allowable ambient temperature: -0 to +55 °C

Allowable ambient humidity: 5 to 85 % RH.

3.Dimensions:



4. Wiring diagram:



5. Operation:

1. Wiring: Connect the data logger to the instrument. Refer to 4. wiring diagram
2. Power On: when turn on the instrument ,the data logger will work.
3. Start recording: when insert a TF card into the logger data, the data logger will start recording
4. Set the interval time: *Addr* (ADDR):1S~3600S.
Refer to the manual of the instrument for the parameter of the "ADDR".

5. Set the system time:

Press and hold the ▲key and ▼key for 1 second on the instrument, the monitor screen of the instrument will be went to the “set system time mode”.

For setting parameters such as year, moth, day... refer to the instrument 's parameter setting.

Parameter list on the instrument for the time system:

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ID	Symbol	Name	Data range	Factory set value
1	<i>YEAR</i>	Year	2000~2099	20xx
2	<i>MONTH</i>	Month	00~12	—
3	<i>DAY</i>	Day	00~31	—
4	<i>Hour</i>	Hour	00~23	—
5	<i>MIN</i>	Minute	00~59	—

6. Red lamp/Green lamp on the logger lights recognition to the logger state:

1. Normal mode:

The green lamp lights at all times, the red lamp flashes(fast) when logger writes the data.

2. Communication failed:

At intervals there is green lamp lights(flash).

3. Be interfered by other signals:

At intervals there is green lamp and red lamp light(flash)

4. TF card is abnormal:

At intervals there is red lamp lights(flash).