METRAVI®
Setting Trends.Showing the Way.

MULTI CHANNEL DATA LOGGER

DL-T-2000

FEATURES

- Can be used as a U disk
- 32 channels displayed simultaneously
- One-second interval
- Can record for 97 days
- One click fast recording
- List, curve, histogram display
- Remote Firmware upgrade
- Strong anti-jamming
- Record files can be exported or deleted at any time
- Customisable channel names
- Export EXCEL files
- Multistage alarm function
- Double relay output
- Can use 8 different thermocouples at the same time

standard RS485 ☑

CE

FUNCTIONS

- Display: 5" IPS Industrial HD LCD touchscreen, high resolution 854X480 px, clear display.
- Using 32-bit high-speed MCU data processing + 24-bit high-speed AD measurement chip, fast response speed, high precision, stable and reliable.
- Multi-interface display, file list, real-time list display, histogram display, real-time/record/analysis curve display, alarm list, system Settings, etc.
- Operation tips, humanised design, easy to understand and simple operation.
- Supports multiple sensor inputs：K J E T N S R B.
- Basic measurement accuracy: ±0.2°C+ 2dgt (without sensor), cold end compensation accuracy: 0.5°C.
- Independent error correction per channel Y=KX+B.
- Each channel can be set to use different thermocouple types.
- You can customize the name of each channel and export the name to EXCEL.
- The voltage difference between channels can be as high as AC/DC 350V(higher voltage value can be customized), super anti-interference ability.
- Supports a maximum of 64 recording files, each file 130,000 groups of data,1 to 9999 seconds interval arbitrary setting, the maximum recording time =97 days X interval.
- Record files can be selected to delete and export, USB flash drive or PC directly export EXCEL files.
- USB and RS485 communication ports are standard.
- Modular design, each module 8 channels, support a maximum of 64 channels, capacity expansion automatic identification.
- Multi-level alarm indicator, HH,H,L,LL alarm setting and alarm indicator, and has the function of historical alarm record.

*Technical Specifications & Appearance are subjet to change without prior notic

TECHNICAL SPECIFICATIONS

Mode of display	5" TFT true colour LCD industrial touch screen 854*480 pixels
Form of display	Real-time list, curve (historical curve), bar chart, current alarm (historical alarm), file record list.
Query of records	View & record curve, historical alarm record, computer software analysis query.
Number of channels	Each module supports 8 channels and a maximum of 64 channels
Thermoelectric couples	K, J, E, T, N, S, R, B
Basic accuracy	0.2°C+2 digits (without thermocouple error)
Range of measurement	-200 ~ 1820°C (based on the thermocouple indexing range)
Cold end compensation	Accuracy :0.5°C
Resolution	0.1°C
Correction	Independent error correction per channel Y=kx+b (x= measured value)
Number of files	64 (loop records)
File capacity	One file can record 130,000 groups (without distinguishing the number of channels).
Usb flash drive interface	Export record file, second change U disk function (instrument is U disk), directly view the files and software.
Recording Duration	The one-second recording interval can be consecutively recorded for 97 days.
Rate of sampling	Each channel fast :0.1S, slow: 1S
Isolation between channels	AC/DC up to 350V, high voltage live measurement, super anti-interference ability
Control output	Two sets of independent relay outputs are (H/L) and (HH/LL) relaysvv
Alarm sound	All the buzzer sounds (any alarm sounds, can be muted)
Interval of recording	1 to 9999 seconds for any setting
Communication interface	USB and RS485 ports are standard
Power supply power	AC85-265V±10%, frequency 50Hz/60Hz <10W
Thermoelectric couple	Each channel is equipped with a 2mK thermocouple
Size	Width 220X deep 293X height (including feet)106mm, the size is about the size of A4 paper
Weight	About 3Kgs (configuration varies)
Environmental Conditions	5 ~ 40°C, 20% ~ 80%RH (no condensation)

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