

| Main Specifications | Other Specifications |
|--|---|
| <p>▼ Dimension 136 (W) x 71 (H) x 32 (D) mm</p> <p>▼ Input Thermocouple inputs x4 3-wire Pt100 inputs x2 with 3-pole stereo TRS 3.5mm connectors</p> <p>▼ Screen display 2.83" (72mm) resistive touch TFT, 320 x 240 pixels with backlight</p> <p>▼ Configurable parameters Temp. unit, alarms, signal process, date and time, data logging, power options, graph channels, sample period, number of samples</p> <p>▼ Display mode Measured temperature / cold junction temperature / alarm events</p> <p>▼ Maximum SD card capacity 32 GB SD or SDHC</p> <p>▼ Temperature range Please refer to input type and temperature range table</p> <p>▼ Ambient temperature 0°C to 50°C</p> <p>▼ Accessory Spare 5VDC main adapter Spare 4GB SD card Calibration certificate</p> | <p>▼ Power supply 2 x 1.5V NiMH rechargeable AA batteries > 2000 mAh / 2 x 1.5V alkaline AA batteries > 2000 mAh / 5VDC 250mA adapter</p> <p>▼ Data log interval 1 to 86,400 secs Start/stop data record manually or schedule the start/stop time of data record</p> <p>▼ Resolution 0.1° for temp. below 1000°C/°F 1° for temp. above 1000°C/°F</p> <p>▼ Alarm configuration 12 alarms (2 for per channel) with adjustable level HI or LO</p> <p>▼ Signal processing Avg., min., max., std. deviation, 2-channel temp. difference</p> <p>▼ Response time 1s</p> <p>▼ Current draw 250mA while logging with full display brightness 60mA in power saving mode</p> <p>▼ Maximum input voltage 60VDC or 24V rms to earth ground</p> <p>▼ Output file format .csv</p> <p>▼ Weight 180g without battery</p> |

Portable 6-channel Temperature Data Logger with Touch Screen Model: TDL-R/D-6C



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- 2.83" TFT touch screen display with backlight to ensure clear observation in dark environment
- High/low alarm can be set on each channel
- Switchable temperature unit: °C/°F
- The temperature of any two channels can be compared by showing temperature change diagram
- Adjustable display mode: to show all 6 channel at the same time or to show one by one
- Max., min., and avg. value display
- Adjustable record interval: 1 to 86400 secs
- Start/stop data record manually or schedule the start/stop time of data record
- Support 32GB SD or SDHC card to save at least one year record
- 5VDC power adapter (standard), rechargeable NiMH battery (option)
- The data log format can be saved as .csv

Input type and temperature range table

| Input type | Temperature Range | Accuracy (data logger) |
|-----------------|-------------------|------------------------|
| Type J | -200 to 1200°C | ±0.1% or 0.8°C |
| Type K | -200 to 1372°C | ±0.1% or 0.8°C |
| Type T | -200 to 400°C | ±0.1% or 0.8°C |
| Type R | 0 to 1768°C | ±0.1% or 0.8°C |
| Type S | 0 to 1768°C | ±0.1% or 0.8°C |
| Type N | 0 to 1300°C | ±0.1% or 0.8°C |
| Type E | -200 to 1000°C | ±0.1% or 0.8°C |
| Pt 100 (3-wire) | -200 to 850°C | ±1.0% or 1.0°C |

Dimension

Unit: mm

