



DSR-TT

Data Logger for Dual Temperatures

Specifications

- Original medical probes being resistant to low temperature and free of toxicity and halogen
- Dual temperature channels for simultaneously monitoring of double-door refrigerators
- Original fittings for sensor connection, ensures 100,000 plugs
- Support single DSR connecting to PC via USB interface, and multiple DSR grouped in RS485 or LAN networking for central management

• Suitable for refrigerator, cold storage, refrigerator cars, constant temperature box, cold-chain cargo and other applications

Specification

Measuring Data

T1 Measuring Range -45°C~105°C

T1 Accuracy $\pm 0.5^{\circ}\text{C}(-45^{\circ}\text{C}\sim 70^{\circ}\text{C}) / \pm 0.6^{\circ}\text{C}(70^{\circ}\text{C}\sim 105^{\circ}\text{C})$

T1 Resolution 0.1°C / 0.2 °F

T2 Measuring Range -45°C~105°C

T2 Accuracy $\pm 0.5^{\circ}\text{C}(-45^{\circ}\text{C}\sim 70^{\circ}\text{C}) / \pm 0.6^{\circ}\text{C}(70^{\circ}\text{C}\sim 105^{\circ}\text{C})$

T2 Resolution 0.1°C/0.2 °F

General

Memory Size 10,918[A] / 21,840[B] / 180,000[C] / 360,000[D]values

Alarm High level and low level, display+beep+backlight

Sampling Interval 2s、5s、10s、30s、60s、255s

Logging Interval 2seconds~24hours

Start with Delay Time 1~120s

Start Mode Start immediately / Time-lapse start / Timing start

End Mode Full / FIFO / Presetting units / Timing end

Timing Start / End Random start / End with format YYMMDD HHMMSS

Storage Temperature -50°C~90°C

ESD Protection $\pm 25\text{KV}$

Interface RS232 / RS485[R] / USB[U] / LAN[L] / Wireless [W、B、Z、F、G]

Battery 3.6V lithium battery ×1

Battery Lifetime Typical 1year (with a sample rate of 10 seconds),5 years (in sleep mode)

RTC Battery CR2032

Clock Accuracy <12 mins/year

External voltage 5~24V DC

Software ANALYSIS

IP Class IP54

Sensing Probe

Model Original low temperature resistant probe

Dimensions 5×6×14.5mm

Wire 2×4×3000mm, low-temperature and corrosion resistant

General Feature

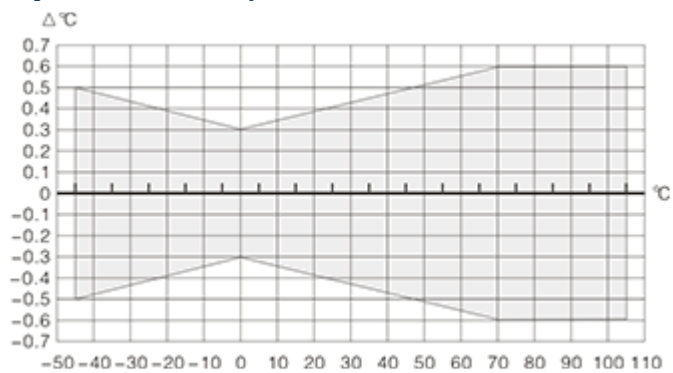
Dimensions 123×117.3×33.4mm

Display Area 66×42mm

Housing ABS+PC, flame-retardant, toxicity and halogen free

Weight 345g

Temperature Accuracy



Dimensions (Unit : mm) :

