



DSR-ELT

Data Logger for Extremely Low Temperature

Specifications

- Special probe using military industrial technology supports measuring temperature ultra low to -196°C
- 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 medical refrigerator, biological specimens preservation, scientific research and other applications

Specification

Measuring Data

T Measuring Range -196°C~25°C

T Accuracy ±1°C

T 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 YYYYMMDD HHMMSS

Storage Temperature -50°C~90°C

ESD Protection ±25KV

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

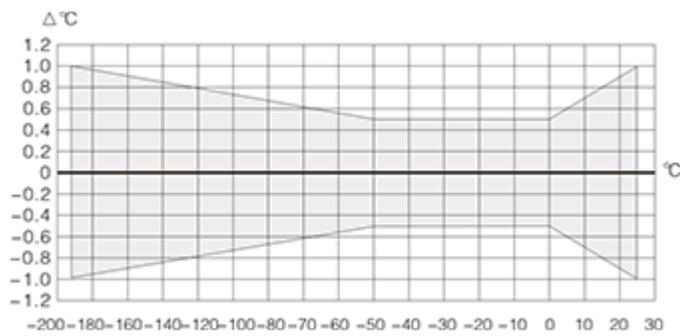
Sensing Probe

Model	External military-industrial ultra low temperature resistant probe
Dimensions	Φ7mm×51mm
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	293g

Temperature Accuracy



Dimensions (Unit : mm) :

