



DSR-TH

Data Logger for Temperature and Humidity

Specifications

- Built-in compact high precision temperature and humidity sensors
- Selectable USB, RS232/485, LAN, wireless communication interfaces
- High definition LCD with wider viewing angles and redundant operation temperature
- Support on-line linear and nonlinear calibration
- Suitable for pharmaceutical, electronic production, biochemistry laboratory, museum management and other applications



Low Cost



Large-Screen
Display



Mass Memory



Alarm Symbol



Environmental



Networking

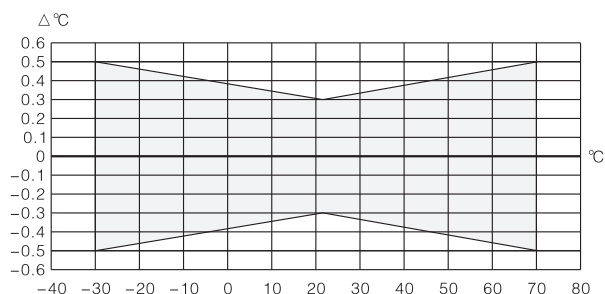
Measuring Data	
T Measuring range	-30°C~70°C
T Accuracy	±0.3°C(23°C ± 2°C), full scale ±0.5°C
T Resolution	0.1°C/ 0.2 °F
H Measuring range	0%~100%RH
	± 3%RH(10%~85%RH) ± 5%RH(other range)
H Accuracy	(Testing Environment 23°C ± 2°C)
	± 2%RH(High-precision version)
H Resolution	0.1%RH

General	
Memory size	10,918[A] / 21,840[B] / 180,220[C] / 360,440[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	1~120seconds
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
Interface	RS232/485[R]/USB[U]/LAN[L]/ Wireless [W, B, Z, F, G]
Supply voltage	3.6V lithium battery × 1
Battery lifetime	Typical 1year (with a sample rate of 10seconds) 5 years (in sleep mode)
RTC battery	CR2032
Clock accuracy	12mins/year (Max)
External voltage	5~24V DC
Storage temperature	-50°C~90°C

Sensing Probe	
Model	Internal

General Features	
Dimensions	123 × 117.3 × 33.4mm
LCD display area	66 × 42mm
Housing	ABS+PC, flame-retardant, toxicity and halogen free
Weight	260g

Temperature Accuracy



Humidity Accuracy

