



## Ultra low temperature logger w/PDF report 88164

- Plug & Play. PC software and driver are not required
- External RTD pt1000 probe for ultra low temperature
- Automatically generate PDF/Excel report. Report contains summary, graph and detailed data
- Completely user re-programmable: 6 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name
- One key operation to know leftover battery life time



Model	88164
Temp. range	NTC thermistor, -30.0~70.0°C , -22.0~158.0°F
Temp. resolution	0.1°C , 0.1°F
Temp. Accuracy	+/-0.5°C
Ext. Temp. range	Pt1000 sensor, -100.0~120.0°C , -148.0~248.0°F
Ext. Temp. resolution	0.1°C , 0.1°F
Ext. Temp. Accuracy	+/-0.5°C
Sampling points	24000 Int. and 24000 Ext.
Meter size	110(L)*45(W)*17(T) mm
Operating temp.	-30~70°C (Logging status); room temp.(PC mode)
Operating RH%	Humidity < 90%
Storage temp.	-40~85°C
Storage RH%	Humidity < 90%
Weight	~50g
Battery	2PC 3.0V CR2032 3months life time
Sampling interval	30 seconds, 5, 10, 30, 60, 90, 120 minutes
Start delay	0, 5, 30, 45, 60, 90, 120 minutes and 24 hours
Alarm range	Programmable from -30 to 70°C
Alarm delay	0, 5, 30, 45, 60, 90, 120 minutes
Alarm type	Single Event, Cumulative, Disable
Operation keys	3 Keys (Start/Stop key & Mark key & Count key)
LED indicator	REC, High / Low alarm
Standard package	Logger, batteries, manual, paper box
Optional accessory	VZ88164PAZ external temp. Probe (for 88164 only)



**Ordering Code**  
**VZ88164AZ, 88164 logger (w/ probe)**  
**VZ88164PAZ, RTD probe**



**EXTERNAL TEMP. PROBE**  
P/N: VZ88164PAZ  
Color: black silicon cable  
Size: 2cm stainless probe w/o handle  
5mm diameter probe  
Cable: 200cm w/3.5mm jack