# **TECHNICAL SPECIFICATION**



### **Temperature Humidity Monitoring Logger**



## **ThermoLog V3-H**

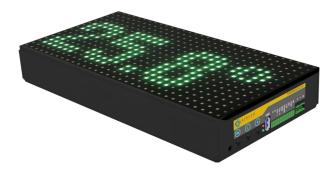
### **Features**

- Wide temperature and humidity range
- Multicolour big size LED display
- 2 years data log
- Alarm output
- · Wide power supply range
- Log transfer by USB pendrive
- PC application for log view and export
- Multiple display mode

needed and it is also necessary to save log to non-volatile below the set temperature.

Thermolog V3-H is temperature and humidity logger memory. Thermolog V3-H has the ability to set the range of dedicated to applications where visual temperature control is the permissible temperature. An alarm is triggered above and

Description	Parameter	Description	Parameter	
Size of displaying area	320×160mm (L x H)	Supported sensor	DHT22	
Size of body of display	32.5×16.5×46mm (L x H x W)	Modbus interface	Optional (RS485)	
Intensity of Light	Adjustable	LOG capacity	1 year with 1 minute interval	
View mode	4 types	Power supply	12V to 32V DC	
Line height	8/16 pixel	Powers consumption	Maximum 20W Average 8W	
Temperature range Humidity range	-40~80°C 0-100%RH	Body material	Powder coated aluminium	
Temperature resolution			Power ON Activity	
Humidity resolution	0.1%RH	Cooling	Passive	
Temperature accuracy	±0.5°C from -10°C to +85°C	•		
Humidity hysteresis	±0.3%RH	Other functions	RTC	
Humidity accuracy	±2%RH (Max +-5%RH)	Environmental	Operating Temperature: 0 to +70°C	
Configuration	3 key keypad	Specifications	Humidity: 5% to 95% RH	
Connections	USB for copy data log			
Alarm output	NO/NC potential free up to 230V and 3A load			







File He	elp						
L.P.	Date & time	Temperature	Humidity				
1	2016-04-10 17:28	40.9°C	0%				
2	2016-04-10 17:29	35.6°C	0%				
3	2016-04-10 17:46	36.1°C	0%				
4	2016-04-10 17:47	36.4°C	0%				
5	2016-04-10 18:06	41.3°C	0%				
6	2016-04-10 18:07	35.8°C	0%	4			
7	2016-04-10 18:08	35.9°C	0%				
8	2016-04-10 18:09	35.8°C	0%				
9	2016-04-10 18:10	35.5°C	0%				
10	2016-04-10 18:11	35.7°C	0%				
11	2016-04-10 18:12	35.7°C	0%				
12	2016-04-10 18:13	35.9°C	0%				
13	2016-04-10 18:14	35.7°C	0%				
14	2016-04-10 18:15	36.2°C	0%				
15	2016-04-10 18:16	35.9°C	0%				
16	2016-04-10 18:17	36.2°C	0%				
17	2016-04-10 18:18	35.8°C	0%				
18	2016-04-10 18:19	36.2°C	0%				
19	2016-04-10 18:20	35.6°C	0%				
20	2016-04-10 18:21	36.4°C	0%				
21	2016-04-10 18:22	36.2°C	0%				
22	2016-04-10 18:23	36.2°C	0%	Section	Description		Temperature
23	2016-04-10 18:24	35.8°C	0%	Start date:	Number of samples: 25	Lowest temperature: 31.3*C 2016-04-11 10:15	remperature
24	2016-04-11 10:15	31.3°C	0%	2016-04-10 •	First date: 2016-04-10 17:28	Highest temperature: 41.3°C 2016-04-10 18:06	
25	2016-04-11 10:16	31.3°C	0%	End date:	Last date: 2016-04-11 10:16	Lowest humidity: 0% RH 2016-04-10 17:28	Humidity

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