



AZ88361 Bluetooth Wireless Temperature Logger Optional External Probe



Model: AZ88361DL
Manufacture warranty: 12 months
Country of Origin: Taiwan

Description:

The **88361 AZ Bluetooth Data Logger** can measure and record In/Out (external Probe) dual channel Temperature value throughout the entire duration of the logging period. This data logger is equipped with Bluetooth communication for programming purpose. A free download Bluetooth iOS and Android APP is available. The measurement report output a PDF file and a csv file generated by APP “**Nice Logger**”.

The **88361 AZ Bluetooth 2 Channel Temperature Recorder** could be operated in the warehouse, carton or other storage container; and it can be met with the tracking purpose of the transportation, Pharmaceutical industry, hospital, lab, factory or other industrial environment. It could be best tool for quality control requirement.

Features:

- Programming logger & download data wireless through advanced Bluetooth 4.0 technology
- Perfect for 2 channel temperature mapping
- Saving your cost by collecting recording data in seconds
- Free iOS & Android APP are provided for smart devices
- Please search for “**Nice Logger**” in APP store
- Generate and send out PDF report through APP
- Report contains data summary, graph and detailed data
- Big LCD provides real time data every 5 seconds
- Dual colour LED are used as status and alarm indicators
- 2 kinds of external probe are available



Specifications:

- Temperature (IN):
 - Sensor Type: NTC thermistor
 - Range: -30°C to 70°C/-22°F to 158°F
 - Resolution: 0.1°C / 0.1°F
 - Accuracy: ±0.5°C
- Sampling Points: Internal 24,000 readings; External 24,000 readings
- Sampling interval: 10 seconds to 120 minutes
- Start delay: 0~1440 minutes, 10 mins/step
- Alarm
 - Range: Programmable from -30 to 70°C
 - Delay: 0~720 minutes, 5 mins/step
 - Type: Single Event, Cumulative, Disable
- Interface: Bluetooth 4.0
- Operation keys: 2 Keys (Start/Stop key & Max/Min key)
- LED indicator: REC, High / Low alarm
- Operating
 - Temperature: -30°C to +70°C
 - Humidity: <90%RH
- Storage
 - Temperature: -40°C to +85°C
 - Humidity: <90%RH
- Battery: 1 x 3V CR2, 3 months lift time
- Meter size: 70(L)*50(W)*23(H)mm
- LCD Size: 30(L)*18(W)mm
- Weight: about 70g

External Thermistor Sensor: VZ87P6AZ2

- Temperature External Sensor Probe (OUT):
 - Range: -30°C to 70°C/-22°F to 158°F
 - Resolution: 0.1°C / 0.1°F
 - Accuracy: ±0.5°C
- Colour: Black
- Size: 2cm stainless probe with handle
- Cable: 200cm with 3.5mm jack



External Temperature Probe
Part Number: VZ87P6AZ2

Standard Package:

- AZ88361 Data Logger
- Battery (1 x 3V CR2)
- User Manual
- Paper packing box
- **(Optional)** VZ87P6AZ2 external temperature probe

NICE LOGGER

REC 11 60.8 °C
AZ 3300 Temp

Multiple Function Data logger
SN 2000152
ALERT

Multiple Function Data logger
SN 2000152
ALERT

Done
s/n: 2000152

3:23
80%

°C
25 30
10/19 22:11 10/21 15:16

T1 — T2

T1 MAX	30.9 °C	T2 MAX	35.1 °C
T1 MIN	24.2 °C	T2 MIN	-30.0 °C
T1 AVG	27.3 °C	T2 AVG	27.1 °C
T1 Std. Dev	1.8 °C	T2 Std. Dev	2.3 °C
Time within	1 days 17 Hrs. 54 Min. 30 Sec.	Time within	1 days 17 Hrs. 53 Min. 30 Sec.
Time above	0 Sec.	Time above	0 Sec.
Time below	0 Sec.	Time below	1 Min.

Logger Files About

Report in PDF

Multiple Function Data logger SN 2000152 ALERT

Device Specification			
Production date	04/21/20	Start	21:22, 10/19/20
Production lot	V 1.8	Finish	15:16, 10/21/20
Hardware version	Ver:Gigaset	Duration Time	1 Day 17 Hrs. 54 Min. 30
Original user name		Sampling Rate	30 Sec.
File created	10/22, 10/21/20	Start Delay	3000 sec
		Stoppage	
		Alarm Delay	
		Alarm Type	Single Event

Multiple Function Data logger SN 2000152 ALERT

Index	Date	Time	°C	°C
1	2020/10/19	21:22:18	30.9	35.1
2	2020/10/19	21:22:48	30.9	35.1
3	2020/10/19	21:23:18	30.9	35.1
4	2020/10/19	21:23:48	30.9	35.1
5	2020/10/19	21:24:18	30.9	35.1
6	2020/10/19	21:24:48	30.9	35.1
7	2020/10/19	21:25:18	30.9	35.1
8	2020/10/19	21:25:48	30.9	35.1
9	2020/10/19	21:26:18	30.9	35.1
10	2020/10/19	21:26:48	30.9	35.1
11	2020/10/19	21:27:18	30.9	35.1
12	2020/10/19	21:27:48	30.9	35.1
13	2020/10/19	21:28:18	30.9	35.1
14	2020/10/19	21:28:48	30.9	35.1
15	2020/10/19	21:29:18	30.9	35.1
16	2020/10/19	21:29:48	30.9	35.1
17	2020/10/19	21:30:18	30.7	35.1
18	2020/10/19	21:30:48	30.7	35.1
19	2020/10/19	21:31:18	30.7	35.1
20	2020/10/19	21:31:48	30.7	35.1
21	2020/10/19	21:32:18	30.7	35.1
22	2020/10/19	21:32:48	30.7	35.1
23	2020/10/19	21:33:18	30.7	35.1
24	2020/10/19	21:33:48	30.7	35.1
25	2020/10/19	21:34:18	30.7	35.1
26	2020/10/19	21:34:48	30.7	35.1
27	2020/10/19	21:35:18	30.7	35.1
28	2020/10/19	21:35:48	30.7	35.1
29	2020/10/19	21:36:18	30.7	35.1
30	2020/10/19	21:36:48	30.7	35.1
31	2020/10/19	21:37:18	30.6	35.1
32	2020/10/19	21:37:48	30.6	35.1
33	2020/10/19	21:38:18	30.6	35.1
34	2020/10/19	21:38:48	30.6	35.1
35	2020/10/19	21:39:18	30.6	35.1
36	2020/10/19	21:39:48	30.6	35.1
37	2020/10/19	21:40:18	30.6	35.1
38	2020/10/19	21:40:48	30.6	35.1
39	2020/10/19	21:41:18	30.5	35.1
40	2020/10/19	21:41:48	30.5	35.1
41	2020/10/19	21:42:18	30.5	35.1
42	2020/10/19	21:42:48	30.5	35.1
43	2020/10/19	21:43:18	30.5	35.1
44	2020/10/19	21:43:48	30.5	35.1
45	2020/10/19	21:44:18	30.5	35.1
46	2020/10/19	21:44:48	30.5	35.1
47	2020/10/19	21:45:18	30.5	35.1
48	2020/10/19	21:45:48	30.5	35.1
49	2020/10/19	21:46:18	30.5	35.1
50	2020/10/19	21:46:48	30.5	35.1
51	2020/10/19	21:47:18	30.5	35.1
52	2020/10/19	21:47:48	30.5	35.1
53	2020/10/19	21:48:18	30.5	35.1
54	2020/10/19	21:48:48	30.5	35.1
55	2020/10/19	21:49:18	30.5	35.1
56	2020/10/19	21:49:48	30.5	35.1
57	2020/10/19	21:50:18	30.5	35.1
58	2020/10/19	21:50:48	30.5	35.1
59	2020/10/19	21:51:18	30.5	35.1
60	2020/10/19	21:51:48	30.5	35.1
61	2020/10/19	21:52:18	30.4	35.1
62	2020/10/19	21:52:48	30.4	35.1
63	2020/10/19	21:53:18	30.4	35.1
64	2020/10/19	21:53:48	30.4	35.1
65	2020/10/19	21:54:18	30.4	35.1
66	2020/10/19	21:54:48	30.4	35.1
67	2020/10/19	21:55:18	30.4	35.1
68	2020/10/19	21:55:48	30.4	35.1
69	2020/10/19	21:56:18	30.4	35.1
70	2020/10/19	21:56:48	30.4	35.1
71	2020/10/19	21:57:18	30.4	35.1
72	2020/10/19	21:57:48	30.4	35.1
73	2020/10/19	21:58:18	30.4	35.1
74	2020/10/19	21:58:48	30.4	35.1
75	2020/10/19	21:59:18	30.4	35.1
76	2020/10/19	21:59:48	30.4	35.1
77	2020/10/19	22:00:18	30.4	35.1
78	2020/10/19	22:00:48	30.4	35.1
79	2020/10/19	22:01:18	30.4	35.1
80	2020/10/19	22:01:48	30.4	35.1
81	2020/10/19	22:02:18	30.4	35.1
82	2020/10/19	22:02:48	30.4	35.1
83	2020/10/19	22:03:18	30.4	35.1
84	2020/10/19	22:03:48	30.4	35.1
85	2020/10/19	22:04:18	30.4	35.1
86	2020/10/19	22:04:48	30.4	35.1
87	2020/10/19	22:05:18	30.4	35.1
88	2020/10/19	22:05:48	30.4	35.1
89	2020/10/19	22:06:18	30.4	35.1
90	2020/10/19	22:06:48	30.4	35.1
91	2020/10/19	22:07:18	30.4	35.1
92	2020/10/19	22:07:48	30.4	35.1
93	2020/10/19	22:08:18	30.4	35.1
94	2020/10/19	22:08:48	30.4	35.1
95	2020/10/19	22:09:18	30.4	35.1
96	2020/10/19	22:09:48	30.4	35.1
97	2020/10/19	22:10:18	30.4	35.1
98	2020/10/19	22:10:48	30.4	35.1
99	2020/10/19	22:11:18	30.4	35.1
100	2020/10/19	22:11:48	30.4	35.1
101	2020/10/19	22:12:18	30.4	35.1
102	2020/10/19	22:12:48	30.4	35.1
103	2020/10/19	22:13:18	30.4	35.1
104	2020/10/19	22:13:48	30.4	35.1
105	2020/10/19	22:14:18	30.4	35.1
106	2020/10/19	22:14:48	30.4	35.1
107	2020/10/19	22:15:18	30.4	35.1
108	2020/10/19	22:15:48	30.4	35.1
109	2020/10/19	22:16:18	30.4	35.1
110	2020/10/19	22:16:48	30.4	35.1
111	2020/10/19	22:17:18	30.4	35.1
112	2020/10/19	22:17:48	30.4	35.1
113	2020/10/19	22:18:18	30.4	35.1
114	2020/10/19	22:18:48	30.4	35.1
115	2020/10/19	22:19:18	30.4	35.1
116	2020/10/19	22:19:48	30.4	35.1
117	2020/10/19	22:20:18	30.4	35.1
118	2020/10/19	22:20:48	30.4	35.1
119	2020/10/19	22:21:18	30.4	35.1
120	2020/10/19	22:21:48	30.4	35.1

Statistics(excludes Start Delay)

Parameter	Temperature
High Alarm	55.0 °C
Low Alarm	-55.0 °C
Max/min	30.9 °C / -30.0 °C
Average	27.3 °C
Mean	24.2 °C
Std. Dev	1.8 °C
Max Diff	27.4 °C
Total user status	1 hour 17 Hrs. 54 Min. 30 Sec.
Total user status	1 hour 17 Hrs. 53 Min. 30 Sec.
Total user status	1 Min.

°C
52.5 38.8 25.0 11.2 -2.5
10/19 21:22 10/21 15:16

Report in CSV

	A	B	C	D
Date	Time	degree C	degree C	
19/10/2020	21:22:18	30.9	35.1	
19/10/2020	21:22:48	30.9	35.1	
19/10/2020	21:23:18	30.9	35.1	
19/10/2020	21:23:48	30.9	35.1	
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