

8IN1 new version updates instructions

1. The product information.

- 1) Model: SB-8IN1E-CL
- 2) Description: 8IN1E, 8in1 sensor, 8in1 Multifunction Sensor
- 3) The initial address (factory setting): Subnet ID: 1, device ID: 13
- 4) The applicable program version: V1.55

2. DDP binding with 8in1.

- 1) Methods of operation: DDP and 8in1 SBUS connected together to ensure the line is connected properly. Configure the DDP. Then press the broadcast button (6s) until 8in1 broadcast indicator lights. Press any key of first 8 keys on DDP and wait for about 1s, the broadcast LED flashes as 60ms OFF/40ms ON frequency. So that DDP and 8in1 are communicating to bind. Until the broadcast LEDs automatically turn off, the end of the binding.
- 2) Broadcast status: Press the 8in1 radio button (3S) until the 8in1 broadcasting indicator.
- 3) If mistakenly press the broadcast button to broadcast state or bound state, press again about 3s to closes. If there is no operation for about 2 minutes, it will automatically exit the current state.
- 4) Bound: the first page of DDP is lighting. Third page of DDP is mood, ZAUDIO, air conditioning, service, curtains and all remote.
- 5) The first page maximum command is 20 and the other is 8.
- 6) This feature does not require Smart cloud operations, it completed by the hardware itself.

3. Brightness compensation.

LUX sensor

Room brightness

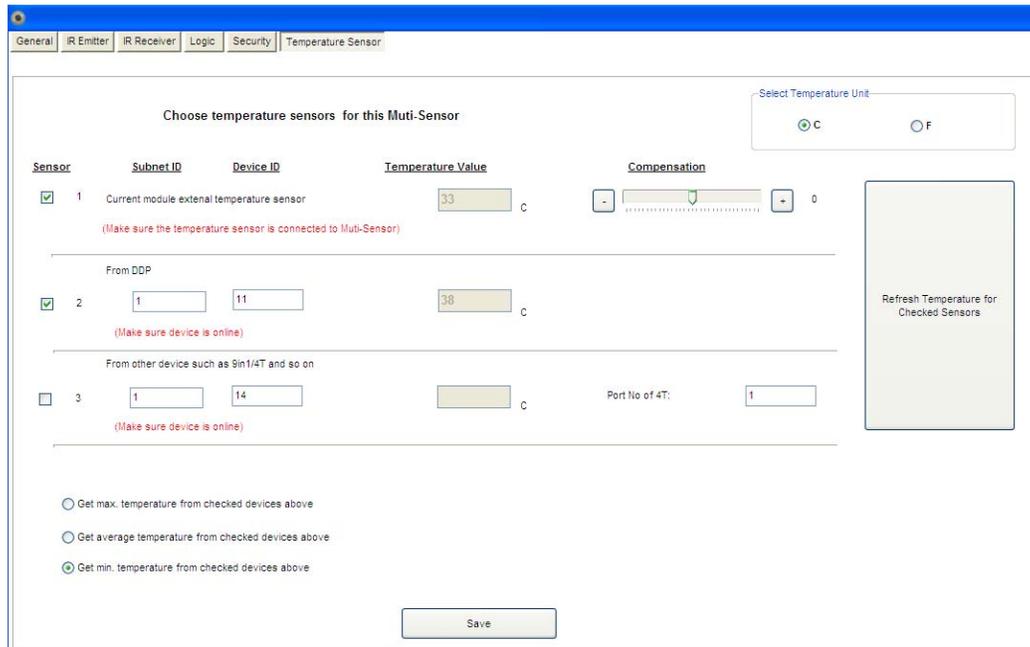
Light compensation

Lux Compensation Low %

1 100

This interface is increased. The compensation opening to 100% is the actual illumination. If the 8in1 installation position is relatively high, it can be set to 90%, 85%, etc. This is set according to the actual situation of the user environment illumination.

4. The temperature sensor.



Sensor	Subnet ID	Device ID	Temperature Value	Compensation
<input checked="" type="checkbox"/> 1			33 C	0
<i>(Make sure the temperature sensor is connected to Multi-Sensor)</i>				
From DDP				
<input checked="" type="checkbox"/> 2	1	11	38 C	
<i>(Make sure device is online)</i>				
From other device such as 9in1/4T and so on				
<input type="checkbox"/> 3	1	14		Port No of 4T: 1
<i>(Make sure device is online)</i>				

Get max. temperature from checked devices above
 Get average temperature from checked devices above
 Get min. temperature from checked devices above

Save

The new temperature sensor interface is added. Users can select the temperature sources, maximum, minimum and intermediate values. The results of this temperature as a temperature of logic input conditions. The operation of this interface can also refer to the specification of HVAC.

5. Temperature logical.

Logic No.

Edit status

Condition	Condition content	Relation
<input type="checkbox"/> Dry contact 1	<input type="text"/>	and
<input type="checkbox"/> Dry contact 2	<input type="text"/>	
<input checked="" type="checkbox"/> External condition 1	Switch No. <input type="text" value="101"/> Remark <input type="text" value="ddd01234567898765432"/>	or
<input type="checkbox"/> External condition 2	Switch No. <input type="text" value="1"/> Remark <input type="text" value="AUX_AC_Off"/>	
<input type="checkbox"/> LUX sensor	Brightness Level(0-5000) From <input type="text" value="1"/> To <input type="text" value="100"/>	Delay time HH:MM:SS 0 : 0 : 0
<input checked="" type="checkbox"/> Temperature	Temperature Range(-50-120) From <input type="text" value="20"/> To <input type="text" value="29"/>	
<input checked="" type="checkbox"/> Motion sensor	<input type="text" value="Movement"/>	

- 1) Each 1-32 page of logic added the temperature logic. Application examples: when someone moves and the temperature is 30-40 , the air condition can automatically open. If the temperature is less than 30 , the air condition will be automatically turned off.
- 2) The temperature setting range is -50 ° C -120, as shown.
- 3) The logic canceled two stem nodes.
- 4) Increase one relay. Relay test interface is shown as below:

Lighting Single Channel Control(Command 0x0031 Test)

LightChannel : 1 Brightness Level : 100 Running time : 0 Interval

●

Channel No	1	QTY of Channels	1
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- 5) The 8in1 logic output can control this relay. Subnet ID and Device ID is set to 8in1 itself.
- The settings after the 8in1 logic Command is shown as below:
ON state:

Modify commands

Command NO	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1	1	13	Single channel ligh	1	100	0
2	1	6	Invalid	1	0	N/A
3	0	0	Invalid	1	255	N/A
4	255	255	Invalid	1	255	N/A
5	255	255	Invalid	1	255	N/A
6	255	255	Invalid	1	255	N/A
7	255	255	Invalid	1	255	N/A
8	255	255	Invalid	1	255	N/A
9	0	1	Invalid	3	1	N/A
10	160	255	Invalid	1	255	N/A

OFF state :

Modify commands

Command NO	Subnet ID	Device ID	Type	Parameter 1	Parameter 2	Parameter 3
1	1	13	Single channel ligh	1	0	0
2	1	6	Invalid	1	0	N/A
3	255	255	Invalid	255	255	N/A
4	255	255	Invalid	255	255	N/A
5	255	255	Invalid	255	255	N/A
6	255	255	Invalid	255	255	N/A
7	255	255	Invalid	255	255	N/A
8	255	255	Invalid	255	255	N/A
9	255	255	Invalid	255	255	N/A
10	255	255	Invalid	255	255	N/A

6) With detailed configuration and other functions are compatible with previous versions. Users can refer to the configuration instructions.