

## Tuya device TRV\_Thermostatic\_Radiator\_Valve



Model: SEA801-ZIGBEE

Tuya: Thermostat

Tuya Mod: c88teujp

SEA801 TRV Programmable Controller is a stylish and accurate TRV programmable controller has been designed for independent control heating radiators.

Chosen for front panel, having no side space: but never needed to look panel!

Few SET dp, PUSH actual temperature every 20-30 min, historical data for the graphs every h.

Power supply: **BAT**

Broadcast: **ZigBee**

Capabilities: **SET**

Reference: [https://www.saswell.com/trv-programmable-controller-sea801\\_p101.html](https://www.saswell.com/trv-programmable-controller-sea801_p101.html)

Infos: [https://www.zigbee2mqtt.io/devices/SEA801-Zigbee\\_SEA802-Zigbee.html](https://www.zigbee2mqtt.io/devices/SEA801-Zigbee_SEA802-Zigbee.html)

Sellers: <https://www.aliexpress.com/item/4000805305958.html>

### Known Data Points:

8	Open windows sensitivity	WO	boolean	true false = ON OFF	BOOLEANONOFF
	If ON ignores fast temperature down				
10	Antifreeze	WO	boolean	true false = ON OFF	BOOLEANONOFF
	Autostart: 5° ON, 8 °C OFF				
27	Actual T offset	WO	int	-6..+6 °C	
	To compensate for the error in the actual T measurements				
40	Lock	WO	boolean	true false = ON OFF	BOOLEANONOFF
	Child lock				
101	Device	WO	boolean	true false = ON OFF	BOOLEANONOFF
	general ON OFF				
102	Temperature	PUSH	int	50..300 = 5.0 .. 30.0 °C	BYTESMALLFLOAT
	Actual T				
103	Target T	WO	int	50..300 = 5.0..30.0 °C	BYTESMALLFLOAT
	Accepts increment of 0.1 (on smartlife app only 0.5)				
105	unknown01	PUSH		0?	
	Found value 0 at 00:00 (rare: battery?)				
106	Away mode	WO	boolean	true false = ON OFF	BOOLEANONOFF
	Set target T to 16 °C				
108	Day program	WO	boolean	true false = ON OFF	BOOLEANONOFF
	If TRUE uses the daily T schedule, otherwise the target T is fixed				
109	unknown02	WO		unknown	
	Unknown behavior: if SET, data as STRUCTARGETEMP, garbage in all day programs !?				



	T			{ "count":4,"changes": [{"time":"06:00","temp":16}, ...	
	<i>PUSHed only on variations by smartlife app.</i>				
<b>125</b>	Friday target T	PUSH	binary	base64(UInt8Array[17]) = { "count":4,"changes": [{"time":"06:00","temp":16}, ...	STRUCTARGETTEMP
	<i>PUSHed only on variations by smartlife app.</i>				
<b>126</b>	Thursday target T	PUSH	binary	base64(UInt8Array[17]) = { "count":4,"changes": [{"time":"06:00","temp":16}, ...	STRUCTARGETTEMP
	<i>PUSHed only on variations by smartlife app.</i>				
<b>127</b>	Friday target T	PUSH	binary	base64(UInt8Array[17]) = { "count":4,"changes": [{"time":"06:00","temp":16}, ...	STRUCTARGETTEMP
	<i>PUSHed only on variations by smartlife app.</i>				
<b>128</b>	Saturday target T	PUSH	binary	base64(UInt8Array[17]) = { "count":4,"changes": [{"time":"06:00","temp":16}, ...	STRUCTARGETTEMP
	<i>PUSHed only on variations by smartlife app.</i>				
<b>129</b>	Sunday target T	PUSH	binary	base64(UInt8Array[17]) = { "count":4,"changes": [{"time":"06:00","temp":16}, ...	STRUCTARGETTEMP
	<i>PUSHed only on variations by smartlife app.</i>				
<b>130</b>	Water scale proof	WO	boolean	true false = ON OFF	BOOLEANONOFF
	<i>Forces valve moves every two weeks</i>				