

tuyaDAEMON device Smoke_Detector



Model: PA-443Y

Tuya: ywbj

Mod: ljm fjahi9bbv2huq

Tuya WiFi Smoke Alarm (sheet ver.2)

Low power standby without MQTT.

Mirror device: uses 4 TRIGGERS + OpenAPI to exchange data with the real device.

Power supply: **BAT**
Broadcast: **WiFi**
Capabilities:

Reference: <https://ewelink.eachen.cc/product/eachen-wifi-strobe-smoke-detector-sensor-phone-Infos: call-app-push-alarm-compatible-with-tuya-smart-life/>
Sellers: <https://www.aliexpress.com/item/4000990605711.html>

User defined Data Points:

SMOKE30030	TRGalarmON		see note		
	Alarm ON TRIGGER: Tuya automation event-drive, updates DP 1 DP not required: handled by core_TRIGGER flow [If 'smoke':alarm:on, Then 'tuya_bridge':countdown_1:30030]				
SMOKE30100	TRGalarmOFF		see note		
	Alarm OFF TRIGGER: Tuya automation event-drive, updates the full status DP not required, handled by core_TRIGGER flow [If 'smoke':alarm:off, Then 'tuya_bridge':countdown_1:30100]				
SMOKE30170	TRGbattLOW		see note		
	Battery LOW TRIGGER: Tuya automation event-drive, updates DP 14 DP not required, handled by core_TRIGGER flow [If 'smoke':battery:low, Then 'tuya_bridge':countdown_1:30170]				
_silenceTRG	silence	WO	string	'any'	
	silence ON TRIGGER, fires Tuya Automation, SET DP 16 Requires a 'share' to fire SMOKE50050 [If 'tuya_bridge':countdown_1 = 50050, Then 'tuya_bridge':countdown_1:0 + 'smoke':silence:ON]				
1	smoke_sensor_state	SKIP	enum	1:'Smoke alarm', 2:'normal'	
	more values: 'Test alarm', ... ?				
2	smoke_sensor_value	SKIP		0..100 = 0.0..10.0 [ppm]	BYTESMALLFLOAT
	pushed only on 'Smoke alarm' change				
11	fault	SKIP	enum	0: ok, more err. codes?	
	unknown				
14	battery_state	SKIP	string	'low', 'middle', 'high'	
	by Tuya Cloud, never by device				
15	battery_percent	SKIP	int	0..100 [%]	



	<i>pushed on any alarm state change</i>				
16	muffling	SKIP	boolean		
	<i>SET only during alarm, returns to false at alarm end. Also HW</i>				
101	test	SKIP	boolean		
	<i>'Test alarm' 5', only HW</i>				