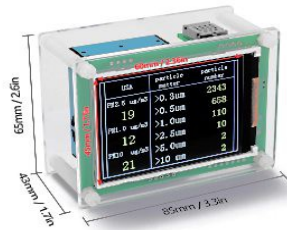


tuyaDAEMON device PM_detector



Model: 1615550

Tuya: custom

Tuya Mod: HW USB device v. 2.0

PM1.0 PM2.5 PM10 Detector Module Air Quality Dust Sensor;

Custom device, with extra code to be handled by tuyaDAEMON USB-serial protocol, requires driver USB (CH340)

Power supply: **USB**

Broadcast: **mixed**

Capabilities: **SET,GET,REFRESH**

Reference: <https://www.geekcreit.com/>

Infos: <https://github.com/msillano/tuyaDAEMON/wiki/custom-device-%27PM-detector%27:->

Sellers: case-study

https://www.banggood.com/PM1_0-PM2_5-PM10-Detector-Module-Air-Quality-Dust-Sensor-Tester-Detector-Support-Export-Data-Monitoring-Home-Office-Car-Tools-p-1615550.html

User defined Data Points:

_refresh	refresh	WO		any	
	trigger: send all data implement standard pseudoDP '_refresh'				
_refreshCycle	refresh cycle	RW	int	0..999 s	
	implements the standard pseudoDP '_refreshCycle'				
1	sendtime	RW	int	0..999 (s)	
	PUSH period				
2	storetime	RW	int	0..999 (s)	
	Store period, internal, auto Set to have 4-5 values/hour				
3	set clock	RW	string	NULL '21-03-02 20:57:24'	
	If NULL, now() added by default				
4	dump data	WO		any	
	trigger (internal, auto) Stored data are processed every hour to generate history.				
5	startRT	RW	enum	1 0 = ON OFF	ENUMONOFFHOLD
	Setting it to ON, the data is sent immediately.				
6	memory clear	WO		any	
	trigger (internal, auto) at 00:00 Stored data reset every 24H				
80	WritePoints	RO	int	number	
	number of records stored				
81	ReadPoint	PUSH	int		
	unknown (updated by 80)				
82	SendInternalFlag	PUSH	int		

	<i>unknown (updated by 80)</i>				
200	cpm1_0	PUSH	int	µg/m³	
	<i>real time update</i>				
201	cpm2_5	PUSH	int	µg/m³	
	<i>real time update</i>				
202	cpm10	PUSH	int	µg/m³	
	<i>real time update</i>				
203	apm1_0	PUSH	int	µg/m³	
	<i>real time update</i>				
204	apm2_5	PUSH	int	µg/m³	
	<i>real time update</i>				
205	apm10	PUSH	int	µg/m³	
	<i>real time update</i>				
206	aqi	PUSH	int	Air Quality Index: 0..500	
	<i>real time update</i>				
207	Temperature	PUSH	string	tt.t °C	
	<i>real time update</i>				
208	RH	PUSH	int	0..100(%)	
	<i>real time update</i>				
300	Hist. Day CPM1_0	PUSH	string	JSONArray[24] = [85,70,50,33,26,22,17,14,13,141,171,21,0,0,0...]	
301	Hist. Day CPM2_5	PUSH	string	JSONArray[24] = [85,70,50,33,26,22,17,14,13,141,171,21,0,0,0...]	
302	Hist. Day CPM10	PUSH	string	JSONArray[24] = [85,70,50,33,26,22,17,14,13,141,171,21,0,0,0...]	
303	Hist. Day APM1_0	PUSH	string	JSONArray[24] = [85,70,50,33,26,22,17,14,13,141,171,21,0,0,0...]	
304	Hist. Day APM2_5	PUSH	string	JSONArray[24] = [85,70,50,33,26,22,17,14,13,141,171,21,0,0,0...]	
305	Hist. Day APM10	PUSH	string	JSONArray[24] = [85,70,50,33,26,22,17,14,13,141,171,21,0,0,0...]	
306	Hist. Day AQI	PUSH	string	JSONArray[24] = [69,63,55,33,24,19,15,13,12,114,134,19,	

				0,0,...]	
307	Hist. Day Temp	PUSH	string	JSONArray[24] = [22.6,22.3,22.2,22.0,22.0,21.7,21.6,21.5, 20.9,20.1,22.4,20.9,0,...]	
308	Hist. Day RH	PUSH	string	JSONArray[24] = [48.0,48.0,47.0,47.0,47.0,47.0,47.0, 46.6,48.0,45.3,47.2,0,...],	