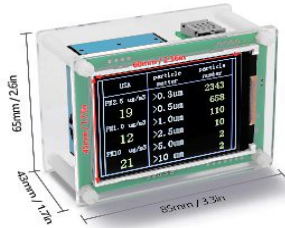


tuyaDAEMON device PM_detector

Model: 1615550



Tuya: none

Tuya Mod: none

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 drive USB (CH340)

Power supply: **USB**
Broadcast: **other**
Capabilities: **SET,GET**

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

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

Sellers: 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:

1	sendtime	WO	int	0..999 (s)	
2	storetime	TRG	int	0..999 (s)	
	internal, auto Set to have 4-5 values/hour				
3	set clock	WO	string	NULL '21-03-02 20:57:24'	
	If NULL, now() added by default				
4	dump data	TRG		none	
	trigger (internal, auto) Stored data are processed every hour to generate history.				
5	startRT	WO	enum	1 0 = ON OFF	
	Setting it to ON, the data is sent immediately.				
6	memory clear	TRG		none	
	trigger (internal, auto) at 00:00 Stored data reset every 24H				
80	WritePoints	RO	int	none	
	number of records stored				
81	ReadPoint	PUSH	int		
	unknown (updated by 80)				
82	SendInternalFlag	PUSH	int		
	unknown (updated by 80)				
200	cpm1_0	PUSH	int	µg/m³	
	real time update				
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] = [48.0,48.0,47.0,47.0,47.0,47.0,47.0,47.0, 46.6,48.0,45.3,47.2,0,...],	