TM-280 TM-280L (LoRa) TM-280W (Wifi)

Features:

- Instant measurement PM2.5.
- Instant clock hour and month display
- Ambient Humidify and temperature measurement.
- When the meter's WiFi(TM-280W)/LoRa(TM-280L) is turned on, you can use the mobile phone APP to view the PM2.5 real-time and historical data.
- Easy operation from the one button on the top, switch between the function of PM2.5, US AQI or CN AQI.

Specifications:

- 2"TFT LCD display
- Wifi / LoRa ON / OFF button
- Power supply: 3.7V 18650 2600mA/h rechargeable lithium battery, battery life 8 hours.
- AUTO power off
- Power-saving management: Energy-conservation at night the preset is PM10:00~AM7:00, the function preset is off.(TM-280W / TM-280L)
- Six colors bar-graph display correspond to the PM 2.5 AQI index indicate the different levels of health concern.
- Dimension: 84 * 81 * 55 mm
- Weight: about 215g

Measurement range of particulate matter (PM 2.5)	0-500 µg/m3	
Reaction time	<10 seconds	
Temperature measurement range	-20~50°C (-4~122°F)	
Reaction time	5 seconds (at least)	
Measurement range of humidity	1 - 99% RH	
Resolution	PM 2.5→1	Temperature and Humidity→0.1
Reaction time	8 seconds (at least)	
LoRa(TM-280L)	Antenna type	internal
	Frequency	923 MHz
	Transmission	100
WIFI wireless(TM-280W)	Antenna type	internal
	Protocol	802.11 b/g/n (802.11n up to 150 Mbps) A-MPDU and A-MSDU aggregation and 0.4 µs guard interval support
	Frequency range	2.4 GHz ~ 2.5 GHz