

Companion of using Wireless Master Device on ADT680W

WMD is short for Wireless Master Device.

Equipment and documents request for self-Developing:

Equipment: WMD, ADT680W, PC

Documents: WMD Commands, ADT680W Commands

Commands:

1). The commands of the ADT680W in common usage:

R:OCODE	Read the S/N of the gauge
R:ORAN	Read the pressure range of the gauge
R:MRMD	Read the current pressure of the gauge
R:MOBATV	Read the current battery power of the gauge
R:MRFDB	Read the current wireless intensity of the gauge
R:OTEMP:0(1)	Read the current temperature of the gauge (0-sensor, 1-gauge)
W:OZERO	Set the current pressure value to zero

2). The commands of the WMD in common usage:

RFD:000	Read the command list of the WMD	
RFD:001:xx:0(1)	Set the channel of the WMD, xx is the channel number (00~15), 0-closed,1-open	
RFD:004	Read the devices list in the wireless of the WMD	
RFD:006:0(1)	Set the short address function of the received data, 0-closed, 1-open	
RFD:010	Read the statue information when the wireless is opening,	
	NETWORK_STATE_NULL	Original status
	NETWORK_STATE_START_NET	The wireless is opening
	NETWORK_STATE_INIT	Executing the hardware action
	NETWORK_STATE_CLEAR_OPT	Clearing the old network data
	NETWORK_STATE_JOINING	Connecting and sending the registration package
	NETWORK_STATE_JOINED	Had joined the wireless
	NETWORK_STATE_JOINFAIL	Timed out, fail to join the wireless
	NETWORK_STATE_ERROR	Error, maybe the hardware error
	NETWORK_STATE_PANID_CONFLICT	The wireless conflict, the another wireless with the same channel in the same wireless section

Attentions:

- 1). All the commands end with "\r\n".
- 2). Make sure that the delay time of the commands is long than 400ms.