

AIW FAQ

Category	ePaper Manager, EPD-230, EPD-332, WISE-3240	Date	2021/9/17
Keyword	ePaper Manager, EPD-230, EPD-332, EPD-662, WISE-3240		

Question:

EPD FAQ - How to modify TX power, Channel, status report period and data request period?

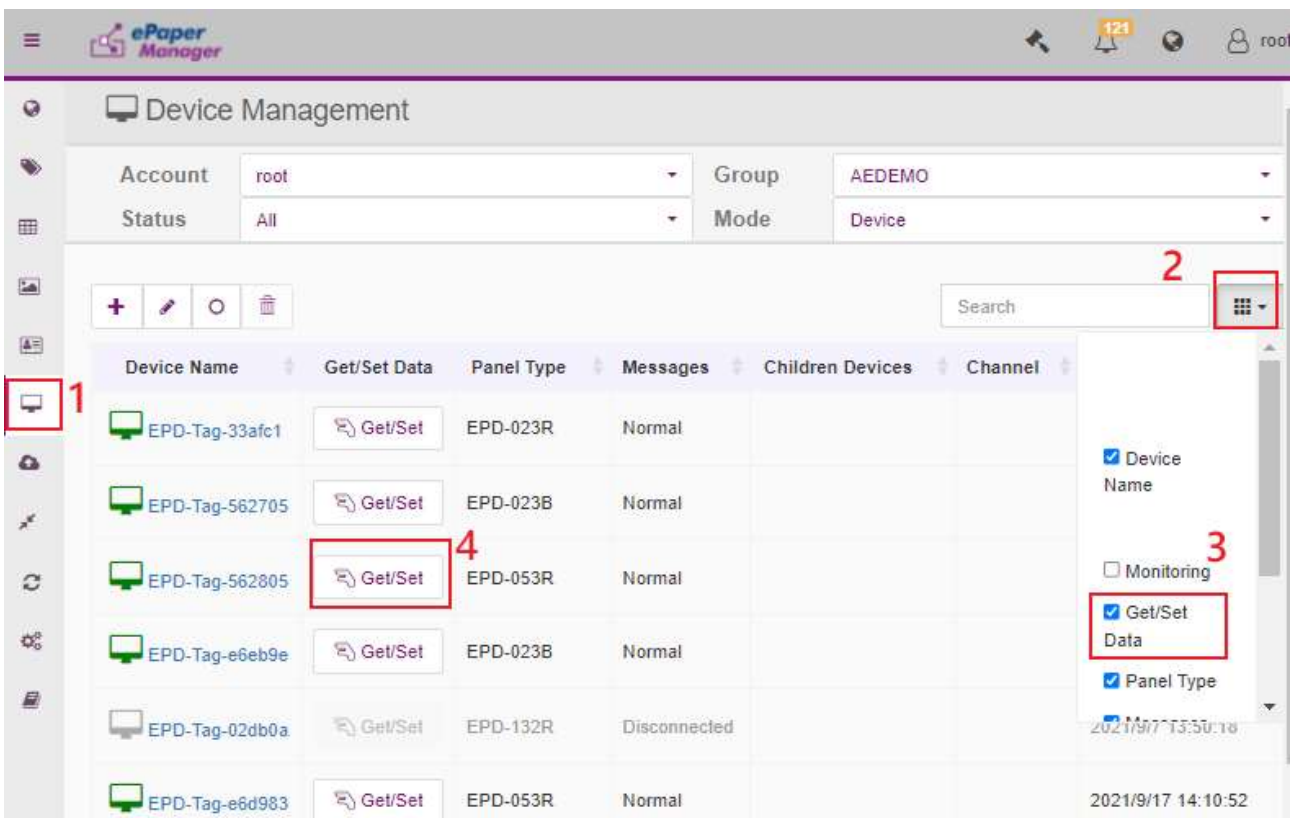
Steps:

In the WISE-3240, you can modify TX power and Channel.

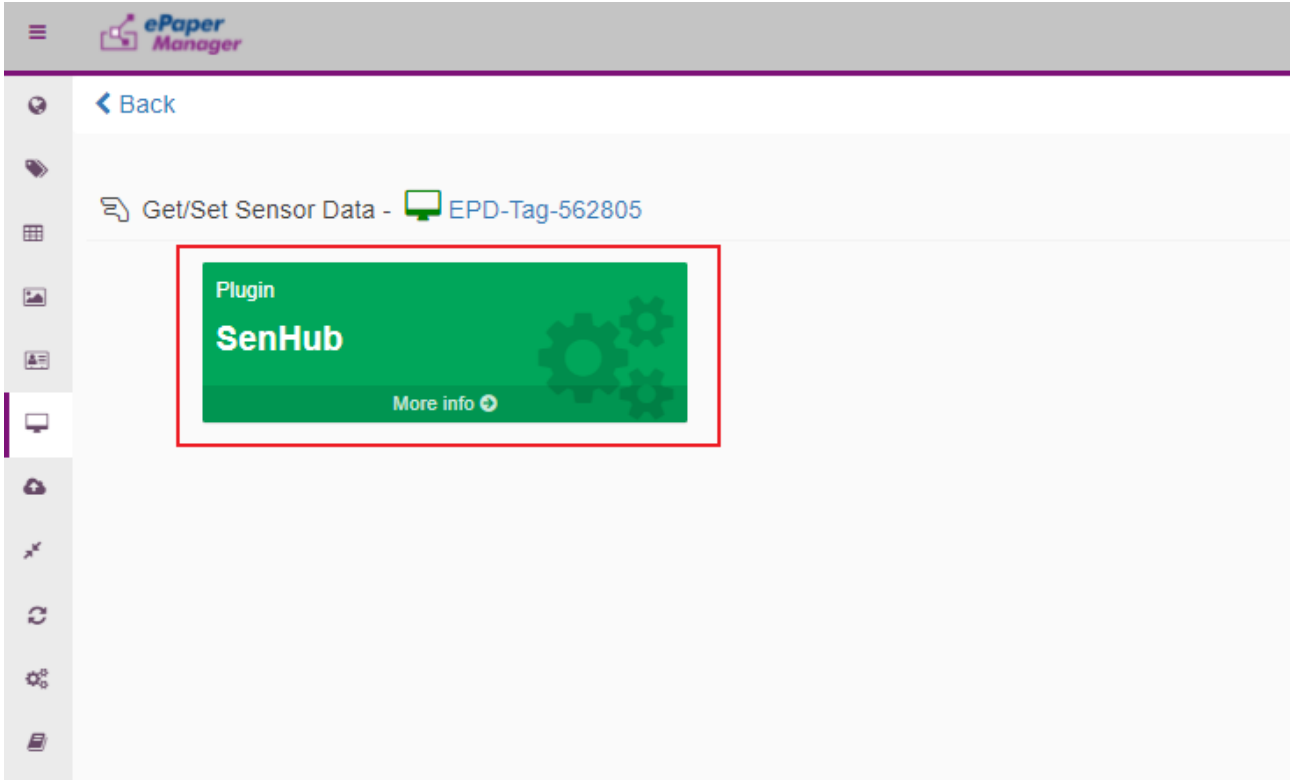
In the EPD-230 and EPD-332, you can modify status report period and data request period.

Step 1: Log in ePaper Manager and click Device list

Step 2: Click “Get/Set” to the configuration web page and select the tag to modify status report period and data request period.



Step 3: Click “SenHub”

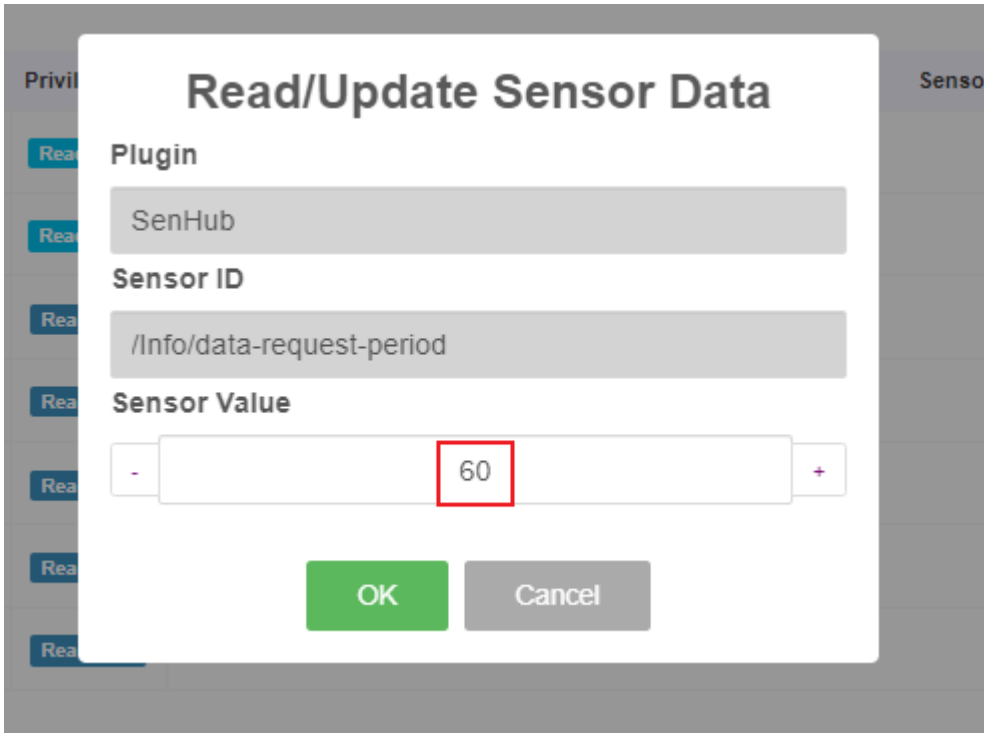


Step 4: Finding “data-request-period” to modify data request period.

Get/Set Sensor Data - EPD-Tag-562805

Get/Set Data	Plugin	Privilege	
Read/Update	SenHub	Read/Write	/Info/data-request-period
Read/Update	SenHub	Read/Write	/Info/state-report-period
Read Data	SenHub	Read Only	/Net/rssi
Read Data	SenHub	Read Only	/Net/parent-address
Read Data	SenHub	Read Only	/Info/battery

Step 5: Modify the value and the unit is second.



Step 6: Finding “state-report-period” to modify data request period.

Get/Set Data	Plugin	Privilege	
Read/Update	SenHub	Read/Write	/Info/data-request-period
Read/Update	SenHub	Read/Write	/Info/state-report-period
Read Data	SenHub	Read Only	/Net/rssi
Read/Update	SenHub	Read/Write	/SenData/led3
Read Data	SenHub	Read Only	/Net/parent-address
Read Data	SenHub	Read Only	/Info/battery
Read Data	SenHub	Read Only	/SenData/image-crc
Read Data	SenHub	Read Only	/Info/default-key

Step 7: Modify the value and the unit is second.

Read/Update Sensor Data

Plugin

SenHub

Sensor ID

/Info/state-report-period

Sensor Value

OK

Cancel

Step 8: Regarding modify TX power and Channel, select router's "get/set"

The screenshot shows the 'Device Management' interface. At the top, there are filters for Account (root), Group (Default), Status (All), and Mode (Device). Below the filters is a table with columns: Device Name, Get/Set Data, Panel Type, Messages, Children Devices, and Channel. The table contains four rows of data:

Device Name	Get/Set Data	Panel Type	Messages	Children Devices	Channel
33ahc1	Get/Set	EPD-023R	Normal		2f
EPD-Tag-562705	Get/Set	EPD-023B	Normal		2f
EPD-Tag-562805	Get/Set	EPD-023R	Normal		2f
EPD-Router-483078	Get/Set		Normal	3 / 0	11

Red boxes highlight the 'Get/Set' button for the 'EPD-Router-483078' device (labeled '4'), the search icon (labeled '2'), and the 'Get/Set Data' checkbox in the right-hand filter menu (labeled '3').

Step 9: Select IoT GW

The screenshot shows the 'ePaper Manager' interface. At the top, there is a 'Back' button. Below it, the title is 'Get/Set Sensor Data - EPD-Router-483078'. A green box highlights the 'Plugin' section, which contains the text 'IoTGW' and a 'More info' button with a right-pointing arrow.

Step 10: Modify TX power, please select “tx-level-r”

Get/Set Sensor Data - EPD-Router-483078

Get/Set Data	Plugin	Privilege	Sensor ID
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/ext-pan-id
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/permit-tag-status
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/channel
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/tx-level-r
Read Data	IoTGW	Read Only	/Zigbee/00124b0019483078/Info/ip
Read Data	IoTGW	Read Only	/Zigbee/00124b0019483078/Info/FOTA-status

Step 11: Change the value and the unit is dBm.

Read/Update Sensor Data

Plugin

IoTGW

Sensor ID

/Zigbee/00124b0019483078/Info/tx-level-r

Sensor Value

- +

OK

Cancel

Step 12: Go back to select “Channel”

Get/Set Sensor Data - EPD-Router-483078

Get/Set Data	Plugin	Privilege	Sen
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/ext-pan-id
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/permit-tag-status
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/channel
Read/Update	IoTGW	Read/Write	/Zigbee/00124b0019483078/Info/tx-level-r
Read Data	IoTGW	Read Only	/Zigbee/00124b0019483078/Info/ip
Read Data	IoTGW	Read Only	/Zigbee/00124b0019483078/Info/FOTA-status

Step 13: You can change the WISE-3240 Channel. Regarding how to select the channel, please reference the other document “EPD Deploy Guide - How to estimate the deployment of ePaper Manager system.pdf”

Read/Update Sensor Data

Plugin

IoTGW

Sensor ID

/Zigbee/00124b0019483078/Info/channel

Sensor Value

- +

OK

Cancel