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Category	□FAQ ■SOP	**Related OS**	N/A
Abstract	How to Use RSET Command to Get the IO Log?		
Keyword	REST, Data Logger		
Related Product	WISE-4000		

■ **Problem Description:**

This document shows how to use the "log_message" to get the log data.

■ **Answer:**

In the manual, it provides the REST command "/log_message" to let customer to get the log data back. However, the user needs to set the filter condition first otherwise this command will return nothing. Therefore, the following is the document about the filter REST command "/log_output". Please set the "log_output" first and then you can get the data from "/log_message".

／log_output

Description	Retrieves the configuration for log data in built-in memory transmission.
URL Structure	**http://10.0.0.1/log_output**
HTTP Method	GET：Returns the representation of all of log data transmission resource. PUT：Replace all of log data transmission resource. PATCH：Apply partial modifications to log data transmission resource.
GET	Request： **GET /log_output** [Example]: ● Request : **GET /log_output** Content-type: application/json Response: 200 OK { "UID":1, "MAC":1, "TimF":1, "Fltr":0, "TSt":0, "TEnd":0,

	"Amt":0, " Total":132, "TLst":1413417628, "TFst":1413438818 }

PUT	Request：
	PUT / log_output
	
	[Example]:
	● Request: **PUT / log_output**
	Content-type: application/json
	{
	"UID":1,
	"MAC":0,
	"TimF":1,
	"Fltr":0,
	"TSt":0,
	"TEnd":0,
	"Amt":0,
	" Total":132,
	"TLst":1413417628,
	"TFst":1413438818
	}
	Response: 200 OK

PATCH	Request：**PATCH / log_output**
	
	[Example]:
	● Request: **PATCH / log_output**
	Content-type: application/json
	{
	"TimF":1
	}
	
	Response: 200 OK

● Resource value definitions :

Send UUID	UID	Number	RW	1 or 0: Send the module UID or not.

Send MAC ID	MAC	Number	RW	1 or 0: Send the MAC ID or not.
Data Format of Timestamp	TmF	Number	RW	The format of timestamp output. 0: Coordinated Universal Time (UTC) For example, **"1415757750"** corresponds to November 12, 2014, 2:02:30 am, Standard Time. (meanwhile, 2014, 10:02:30 am, Taipei Time.) 1: Local Date/Time according GMT time zone (ISO 8601) YYYY-MM-DDThh:mm:ssTZD where: YYYY = four-digit year MM = two-digit month (01=January, etc.) DD = two-digit day of month (01 through 31) hh = two digits of hour (00 through 2 (am/pm NOT allowed) mm = two digits of minute (00 throug 59) ss = two digits of second (00 through 59) TZD = time zone designator (Z or +hh:mm or -hh:mm) For example, **"1994-11-05T08:15:30-05:00"** corresponds to November 5, 1994, 8:15:30 am, US Eastern Standard Time.
Data Filter Setting	Fltr	Number	RW	The filter type for outputting log data. 0: No filter enabled 1: Time filter 2: Amount of latest data
Start time of data filitering	TSt	Number	RW	Start time of time filitering
End time of data filitering	TEnd	Number	RW	End time of time filitering

Amount of latest data	Amt	Number	RW	Amount of latest data in case of the filiter type enabled
Total amount of log data in module now	Total	Number	R	Total amount of data in built-in memory now.
Timestamp of the oldest data	TLst	Number	R	UTC timestamp in the oldest data in the log file now
Timestamp of the latest data	TFst	Number	R	UTC timestamp in the latest data in the log file now

Remarks	