

System Log Data in System Memory

/logsys_message

Description	Retrieves the system log data in system memory.
URL Structure	http://10.0.0.1/logsys_message
HTTP Method	GET : According to the setting of filtering, server returns the all/partial of system logged data.
GET	<p>Request :</p> <p>GET /logsys_message</p> <p>[Example]:</p> <ul style="list-style-type: none">● Request : GET /logsys_message for WISE-4060 module <p>Content-type: application/json Response: 200 OK</p> <pre>{ "LogMsg": [{ "PE":6, "TIM":"2014-11-11T15:48:32+08:00", "UID":"WISE-4060_00D0C9CC0001", "MAC":"00-D0-C9-CC-00-01", "Record" : "00000001" }, { "PE":8, "TIM":"2014-11-11T15:49:44+08:00", "UID":"WISE-4060_00D0C9CC0001", "MAC":"00-D0-C9-CC-00-01", "Record" : "0A090B04" }, { "PE":1, "TIM":"2014-11-11T15:51:02+08:00", "UID":"WISE-4060_00D0C9CC0001", "MAC":"00-D0-C9-CC-00-01", "Record" : "C9CC00F5" }] }</pre>

● JSON array name definition:

Field	Abbreviation	Data Type
Array of log messages	LogMsg	Array

● Resource value definitions :

Field	Abbreviation	Data Type	Property	Description
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Periodic / Event PE Number R Recording mode of the storage

Event	Description
1	Wireless connection
2	Wireless disconnection
3	Communication WDT
4	Cloud file upload fail
5	Cloud data push fail
6	SNTP fail
7	Power on/off
8	Memory full/overwrite in log function
9	Remote access fail(Access control)
10	Login error
11	FW upgrade
12	RTC battery low
13	Internal configuration table error
14	Internal flash access error
15	RF event

Timestamp TIM String R Timestamp of the storage

✓ Coordinated Universal Time (UTC)

Ex. "1415757750" corresponds to November 12, 2014, 2:02:30 am, Standard Time.
(meanwhile, 2014, 10:02:30 am, Taipei Time.)

✓ Local Date/Time according GMT time zone (ISO 8601)

Ex. "1994-11-05T08:15:30-05:00" corresponds to November 5, 1994, 8:15:30 am, US Eastern Standard Time.

UUID UID String R Universally Unique Identifier (UUID)

Max. 32 characters

MAC ID MAC String R MAC address.

(12+5) characters, ex, "00-D0-C9-F0-63-F7"

Recording message Record String R The data detail for event

Event	Description	Record
1	Wireless connection	AP MAC(Isat 4 octets) Ex: 00-D0-C9-F0-63-F7 → C9F063F7
2	Wireless disconnection	AP MAC(Isat 4 octets) Ex:

		00-D0-C9-F0-63-F7 → C9F063F7																																				
3	Communication WDT																																					
4	Cloud file upload fail	1: Connect to server error 2: Upload data fail																																				
5	Cloud data push fail	2byte: 0x0000 I/O push 0x0001 Sys push 2byte: Error code from 19.2.x																																				
6	SNTP fail	1: DNS error 2: No socket 3: No reply 4: Socket fatal																																				
7	Power on/off	1: Power on 2: System restart 3: Power off																																				
8	Memory full/overwrite in log function	1: IO full 2: IO overwrite 3: System overwrite																																				
9	Remote access fail(Access control)	IP																																				
10	Login error	IP																																				
11	FW upgrade	Version Ex: A1.00 B01→0A100B01																																				
12	RTC battery low																																					
13	Internal configuration table error	<p>Bit order for internal configuration error</p> <table border="1"> <thead> <tr> <th>Bit</th> <th>Error item</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Device information</td> </tr> <tr> <td>1</td> <td>Wifi setting</td> </tr> <tr> <td>2</td> <td>Network setting</td> </tr> <tr> <td>3</td> <td>Access control setting</td> </tr> <tr> <td>4</td> <td>IO setting</td> </tr> <tr> <td>5</td> <td>Modbus 0X address</td> </tr> <tr> <td>6</td> <td>Modbus 4X address</td> </tr> <tr> <td>7</td> <td>User account setting</td> </tr> <tr> <td>8</td> <td>Internal buffer</td> </tr> <tr> <td>9</td> <td>Analog calibration value</td> </tr> <tr> <td>10</td> <td>IO log setting</td> </tr> <tr> <td>11</td> <td>Cloud setting</td> </tr> <tr> <td>12</td> <td>File upload setting</td> </tr> <tr> <td>13</td> <td>Private server setting</td> </tr> <tr> <td>14</td> <td>System log setting</td> </tr> <tr> <td>15</td> <td>Internal buffer</td> </tr> <tr> <td>16</td> <td>File upload tag setting</td> </tr> </tbody> </table>	Bit	Error item	0	Device information	1	Wifi setting	2	Network setting	3	Access control setting	4	IO setting	5	Modbus 0X address	6	Modbus 4X address	7	User account setting	8	Internal buffer	9	Analog calibration value	10	IO log setting	11	Cloud setting	12	File upload setting	13	Private server setting	14	System log setting	15	Internal buffer	16	File upload tag setting
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	14	Internal flash access error	
	15	RF event	Most significant byte: 1: WLAN disconnect event 2: Unexpected 3: Unexpected socket 4: Tx socket failed 5: Disconnect 6: Rssi level changes more than 1 slot, datactrl/mgt rsi old level new level 7: histogram[0]~[5] for data ctrl rssi, shows 2 logs one time 8: Unexpected WLAN policy 9: IP acquired A: WLAN RF reset

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Remarks	
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