

ALLNET JSON API

(json output, read only)



Values can only be read, it can NOT be switched!

Valid for ALLNET PoE switch ALL-SG8826PMX-10G, ALL-SG8950PM, ALL-SG8926PM

In this description used Device IP is "[192.168.0.100](#)".
This must be replaced by the assigned address.

Description without Activated Basic authentication. If this is enable, you must pass the Authentication in URL.
(Basic Authentication: [https:// USER: PASSWORD@192.168.0.100/xml/json.php](https://USER:PASSWORD@192.168.0.100/xml/json.php))

Call "<https://192.168.0.100/xml/json.php>".

Parameter

"mode={[all](#)} {[info](#)} {[info](#)min}"

"simple" (*optional*) Reduced output only useful in mode=all, sensor, actor

ALLNET GmbH

all

Command (URL) <http://192.168.0.100/xml/json.php?mode=all>

Explanation Return all sensors / actuators including info and Values

Response

```
[{
  "id": "1",
  "name": "Port 1",
  "description": "",
  "fe_view": "",
  "sort": "",
  "fe_cvs_show_typ": "",
  "actor_analogValue": "",
  "digitalToText": "",
  "tileColors": "",
  "tileFormats": "",
  "lang_port_identifizier": "",
  "value": "1",
  "config": {
    "icon": "",
    "display": {
      "min": "0",
      "max": "1"
    },
    "limit": {
      "min": "0",
      "max": "1"
    }
  },
  "info": {
    "unit": "",
    "type": "2"
  }
}, {
  "id": "2",
  "name": "Port 2",
  .
  .
  .
}]
```

Name des Ausgangs
reserviert
reserviert
reserviert
reserviert
reserviert
reserviert
reserviert
reserviert
reserviert
Zustand des Ausgang 0/1
leer, reserviert
Min. Wert der Zurückgeliefert wird
Max. Wert der Zurückgeliefert wird
Min. Wert der Zurückgeliefert wird
Max. Wert der Zurückgeliefert wird
Einheit des Sensors
Typ des Elements
1=Sensor, 2=Aktor
Name des Ausgangs

simple only mode=all,sensor,actor

Command (URL) <http://192.168.0.100/xml/json.php?mode=all&simple>

Explanation *(optional)*
Reduced output only absolutely necessary data.

Response [{
 "id": "1",
 "name": "Port 1",
 "unit": "",
 "type": "1",
 "value": "1",
 "error": "0"
 }, {
 "id": "1",
 "name": "Port 1",
 "unit": "",
 "type": "1",
 "value": "1",
 "error": "0"
 }, {
 .
 .
 .
 }]

info

Command (URL) <http://192.168.0.100/xml?mode=info>

Explanation Returns an detailed information about the device

Response

```
{
  "devicetype": "ALL-SG8926PM",
  "devicename": "ALL-SG8926PM",
  "network": {
    "mode": "dhcp",
    "ipaddress": "192.168.2.1",
    "netmask": "255.0.0.0",
    "gateway": "192.168.1.1",
    "dns": "NONE",
  },
  "mac": {
    "eth2": "00:0F:C9:0B:B8:BA",
  },
  "uptime": " 0d 00:29:37",
  "system_rfc": "Thu, 01 Jan 1970 00:29:37 +0000",
  "softversion": "330",
  "patchlevel": "0",
  "revision": "0.01",
}
```

infomin

Command (URL) <http://192.168.0.100/xml?mode=infomin>

Explanation Returns a Minimal info about the device

Response

```
{
  "devicetype": "ALL-SG8926PM",
  "devicename": "ALL-SG8926PM",
  "softversion": "330",
  "patchlevel": "0",
  "revision": "0.01"
}
```