**FBX - Device API (version 1.0)**

Basic Auth

Username : lemco

Password : lemco!123

1. Read status

<http://192.168.1.210/device_api/status.php>

Json reply one object **(not array)**:

{

    "system\_date": "2023-07-11, 12:45",

    "system\_uptime": 33706601,

    "application": "Running",

    "cpu\_temp": "33",

    "cpu\_load": "12%",

    "memory\_load": "20%",

    "disk\_usage": "4%",

}

Note: System uptime in seconds

application -> [“Unknown status”, “Not Running”, “Running”]

1. Read Lan settings

<http://192.168.1.210/device_api/lan.php>

Json reply one object **(not array)**:

{

    "enable\_dhcp": "0",

    "ip\_address": "192.168.1.105",

    "network\_mask": "255.255.255.0",

    "gateway": "192.168.1.1",

    "dns1": "8.8.8.8",

    "dns2": "8.8.4.4",

    "mac\_address": "fa:f5:e6:12:34:56",

    "web\_port": "80"

}

1. Read WiFi settings

<http://192.168.1.210/device_api/wifi.php>

Json reply one object **(not array)**:

{

    "module\_present": "0",

"wifi\_enable": "0",

"ssid": "SSID",

"password": "pass12345",

"mode\_ap": "0",

"enable\_dhcp": "0",

    "ip\_address": "192.168.1.105",

    "network\_mask": "255.255.255.0",

    "gateway": "192.168.1.1",

    "dns1": "8.8.8.8",

    "dns2": "8.8.4.4",

"range\_from": "192.168.10.2",

"range\_to": "192.168.10.100",

"frequency": "2442",

    "mac\_address": "fa:f5:e6:12:34:56"

}

1. Read info

<http://192.168.1.210/device_api/info.php>

Json reply one object **(not array)**:

{

    "product": "FBX-3566",

    "serial\_number": "1527507739",

    "ethernet\_mac\_address": "fa:f5:e6:12:34:56",

    "wifi\_mac\_address": "54:10:ec:6d:86:a3",

    "software\_version": "1.31",

}

1. Execute commands

* Reset device

<http://192.168.1.210/device_api/execute.php?command=device_restart>

* Update LAN

<http://192.168.1.210/device_api/execute.php?command=update_lan&dhcp=0&address=192.168.1.195&mask=255.255.255.0&gateway=192.168.1.1&dns1=8.8.8.8&dns2=8.8.4.4&web_port=80>

or dhcp=1 (all other variables must be included, even if dchp=1)

* Update WIFI

<http://192.168.1.210/device_api/execute.php?command=update_lan&dhcp=0&address=192.168.1.195&mask=255.255.255.0&gateway=192.168.1.1&dns1=8.8.8.8&dns2=8.8.4.4&web_port=80>

* Play URI

<http://192.168.1.210/device_api/execute.php?command=>play&uri=(channel\_link)

Send command to player to play specific URI

(UDP, RTP, HLS, MPEG-DASH, RTSP, RTMP, SRT, HTTP)

examples:

uri=udp://230.0.0.1:1234

uri=rtp://230.0.0.1:1234

uri=<http://path-to-server/video.m3u8>

uri=<http://path-to-server/video.mpd>

uri=rtsp://server:port/video/name

uri=rtmp://server:port/video/name

uri=srt://server:port

uri=http://path-to-file.mp4

Json reply (for all execute commands):

{

        "command\_valid": "1",

"return": "(message from executed command)"

}

If command\_valid is “0” command has not been parsed.