

How To Control Outlet And Get Status

HTTP Packet Request

Control Outlet:

Packet Request:

```
"GET" <target> "HTTP/1.1" CRLF
"Host:" <host ip> CRLF
"Keep-Alive: 300" CRLF
"Connection: keep-alive" CRLF
"Authorization: Base" <auth> CRLF CRLF ;auth:encoded account(admin:1234) with base-64
```

Request Description:

Target: “/cgi-bin/control.cgi?<action>”

Action:

```
target=<0/1>;
    0 means outlet mode,
    1 means outlet
control=<0/1/2/3>;
    0 means off,
    1 means on,
    2 means switch (i.e. from On → Off, or from Off → On),
    3 means reset (Outlet only)
```

Example:

control.cgi?target=1&control=3(Outcome: outlet reset)

Packet Response:

XML format:

```
"<?xml version='1.0'?>"
"<request>"
"“<outlet_status>”{outlet_status}”</outlet_status>”"
"“<outlet_mode>”{outlet_mode}”</outlet_mode>”"
"</request>"
```

XML Description:

outlet_status: 0 = off, 1 = on

outlet_mode: 0 = manual control, 1 = auto reset

Get Status:

Request:

Target: "/xml/outlet_status.xml"

XML format:

```
"<?xml version='1.0'?>"
"<request>"
"<site_ip>{site}</site_ip>"
"<site_mode>{site_mode}</site_mode>"
"<site_lost>{site_lost}</site_lost>"
"<outlet_status>{outlet_status}</outlet_status>"
"<outlet_mode>{outlet_mode}</outlet_mode>"
"<ping_delay_after_power_on>{ping_delay_after_power_on}</ping_delay_after_power_
on>"
"<power_on_delay>{power_on_delay}</power_on_delay>"
"<no_of_reset>{no_of_reset}</no_of_reset>"
"</request>"
```

XML Description:

site: uuu.uuu.uuu.uuu or google.com

site_mode: 0 = http, 1 = ping

site_lost: 0 = ping successful , 1 = ping failed

outlet_status: 0 = off, 1 = on

outlet_mode: 0 = manual control, 1 = auto reset

ping_delay_after_power_on: number, range 0 ~ 1440

power_on_delay: number, range 3 ~ 240

no_of_reset: 1 ~ 10, 0 = unlimited

HTTP URL Link

Control Outlet:

HTTP url: "http://<IP>/cgi-bin/control2.cgi?<action>"

IP:

The IP Address of Device.

Action:

target=<0/1/>;

0 means outlet mode,

1 means outlet

control=<0/1/2/3/>;

0 means off,

1 means on,

2 means switch (i.e. from On → Off, or from Off → On),

3 means reset (Outlet only)

Example:

http://192.168.0.100/cgi-bin/control2.cgi?user=admin&passwd=admin&target=0&control=1(Outcome: auto reset)

Packet Response:

XML format:

```
"<?xml version='1.0'?>"
```

```
"<request>"
```

```
"<outlet_status>"{outlet_status}"</outlet_status>"
```

```
"<outlet_mode>"{outlet_mode}"</outlet_mode>"
```

```
"</request>"
```

XML Description:

outlet_status: 0 = off, 1 = on

outlet_mode: 0 = manual control, 1 = auto reset