

DISCLAIMER:

THIS DOCUMENT IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS DOCUMENT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

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=<0/1/2/3>;
    0 means UIS,
    1 means outlet 1,
    2 means outlet 2,
    3 means outlet all
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 1 reset)
```

Packet Response:

XML format:

```
"<?xml version='1.0'?>"
"<request>"
"<outlet_status>"{OUTLET1_STATUS}","{OUTLET2_STATUS}"</outlet_status>"
"<uis_status>"{UIS_STATUS}"</uis_status>"
"</request>"
```

XML Description:

OUTLET1_STATUS / OUTLET2_STATUS / UIS_STATUS: 0 means off, 1 means on

Get Status:

Request:

Target: "/xml/outlet_status.xml"

XML format:

```
"<?xml version='1.0'?>"
"<request>"
"<site_ip>"{SITE1}","{SITE2}","{SITE3}","{SITE4}","{SITE5}"</site_ip>"
"<connect_status>"{C1_S}","{C2_S}","{C3_S}","{C4_T}","{C5_S}"</connect_status>"
"<outlet_status>"{O1_S}","{O2_S}"</outlet_status>"
"<site_lost>"{S1_L}","{S2_L}","{S3_L}","{S4_L}","{S5_L}"</site_lost>"
"<uis_fun>"{U_S}"</uis_fun>"
"<g_target1>"{G_T1}"</g_target1>"
"<g_target2>"{G_T2}"</g_target2>"
"</request>"
```

XML Description:

SITE<n>: (n:number)
string: Site <n> IP Address.

C<n>_S: (n:number)
digit(unit: millisecond): Site <n> response timing.

O<n>_S: (n:number)
digit: 0 means off, 1 means on.

S<n>_L: (n:number)

digit: Percent of ping lost.

uis_fun:

digit: 0 means off, 1 means on.

G_T<n>: (n:number)

digit: 0 means None, 3 means All, 1 means Outlet1, 2 means Outlet2

HTTP URL Link

Control Outlet (Authentication Parameters):

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

IP:

The IP Address of Device.

Action:

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

0 means UIS,
1 means outlet 1,
2 means outlet 2,
3 means outlet all

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=2&control=1(Outcome: outlet 2 on)

Heartbeat Trigger (Authentication Parameters):

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

IP:

The IP Address of Device.

Example:

<http://192.168.0.100/cgi-bin/heartbeat.cgi?user=admin&passwd=admin>

Response:

XML format:

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

```
"<request>"
```

```
"<heartbeat>"YYYY/MM/DD HH:MM"</heartbeat>"
```

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