



# Soft Codec Conferencing System

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Application Programming Interface  
2.6.00

AT-UHD-HDVS-300-KIT

Atlona Manuals  
**Switchers**

## Version Information

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Version	Release Date	Notes
1	3/18	Initial release

## Commands

The following tables provide an alphabetical list of commands available on the AT-UHD-HDVS-300-TX. All commands are case-sensitive and must be entered as documented. If the command fails or is entered incorrectly, then the feedback is “Command FAILED”.



**IMPORTANT:** Each command is terminated with a carriage-return (0x0d) and the feedback is terminated with a carriage-return and line-feed (0x0a).

Command	Description
ASwOutTime	Sets the time interval for auto-switching when no signal is detected
ASwPrePort	Sets which port to switch to when no signal is detected
AutoPwOff	Sends the power-off command to the display when a no source is detected
AutoPwOffT	Sets the time interval used before the power-off command is sent to the display
AutoPwOn	Sends a power-on command to the display when a source signal is received
AutoSW	Enable or disables auto switching or display auto switching status
Blink	Enables or disables blinking of the <b>POWER</b> button on the front panel
Broadcast	Enables or disables broadcast mode
ButtonPower	Sets the control type for the POWER button on the front panel
ButtonVol	Sets the control type for the Volume button
CmdDelay	Sets the time interval for the comma delimiter, when using multiple commands
CmdTO	Sets the time-out value before a command is resent
DispSwMode	Sets the display switching mode
DispWarmUpT	Sets the display warm-up timer value in seconds
EDIDMSet	Assigns the specified EDID to the desired input
EDIDOut	Saves the downstream EDID to the specified memory location
FedVer	Enables or disables feedback verification
GetUsbHost	Displays the USB host settings for all input channels
HDCPSet	Sets the HDCP reporting mode for the specified input
help	Displays the available list of commands
HTTPPort	Sets the HTTP listening port
InputBroadcast	Enables or disables broadcast mode
InputStatus	Displays the status for each input
IPAddUser	Adds a user for Telnet control
IPCFG	Displays the current network settings for the AT-UHD-HDVS-300-TX
IPChangePass	Changes the password for the web GUI and Telnet sessions
IPDelUser	Deletes the specified Telnet user
IPDHCP	Enables or disables DHCP mode on the AT-UHD-HDVS-300-TX
IPLogin	Enables or disables login credentials when starting a Telnet session
IPPort	Sets the Telnet listening port for the AT-UHD-HDVS-300-TX

Command	Description
IPQuit	Terminates the current TCP/IP session
IPStatic	Sets the static IP address, subnet mask, and gateway for the AT-UHD-HDVS-300-TX
IPTimeout	Specifies the time interval of inactivity before the Telnet session is closed
LampCoolT	Sets the lamp cool-down timer (in seconds)
Lock	Locks the buttons on the front panel
LockOut	Sets the lock-out mode for the specified input
LockPwBtn	Locks or unlocks the POWER button on the front panel
Mreset	Resets the AT-UHD-HDVS-300-TX to factory-default settings
OutAMute	Enables or disables the audio output on the HDMI Out port on the receiver
RS232Ctrl	Sets RS-232 to either pass-through or display control
RS232para	Sets the baud rate, data bits, stop bits, and parity for the <b>RS-232</b> port
RS232zone	Send a command to the RS-232 device connected to the <b>RS-232</b> port on the receiver
SetCmd	Assigns an RS-232 or IP command to the specified button on the front panel
SetExtIP	Sets the IP address of the remote IP device
SetExtPort	Sets the listening port of the remote IP device
SetFedCmd	Sets the external IP or RS-232 command feedback
SetLocPort	Sets the local UDP listening port
SetTcpSendMod	Sets the IP sending mode to either TCP or UDP for the specified device
SetUsbHost	Assigns a USB port to the specified video input
Statusx	Displays the routing status of the <b>HDMI Out</b> port on the receiver
TrigCEC	Triggers the stored CEC command
TrigIP	Triggers the stored IP command
TrigRS	Triggers the stored RS-232 command
Type	Displays the model of the transmitter
Unlock	Unlocks the buttons on the front panel
USBHost	Selects the specified USB port
UsbMode	Sets the USB mode
Version	Displays the current firmware version of the AT-UHD-HDVS-300-TX
VolRepeat	Sets the volume repetition rate (in milliseconds)
x1\$	Enables or disables the HDMI output channel
xXAVx1	Switches the specified input to the <b>HDMI Out</b> port on the receiver

### ASwOutTime

Sets the time interval, in seconds, before the unit automatically switches to another active input if no signal is received from the current input. Use the *sta* argument to display the current setting.

#### Syntax

```
ASwOutTime X
```

Parameter	Description	Range
X	Time interval	3 ... 600, sta

#### Example

```
ASwOutTime 10
```

#### Feedback

```
ASwOutTime 10
```

### ASwPrePort

Sets the default input to be used for auto-switching, once no A/V signal is detected from the currently active port.

#### Syntax

```
ASwPrePort X
```

Parameter	Description	Range
X	Port	0 = None 1 = HDMI IN 1 2 = HDMI IN 2 3 = VGA IN 4 = DisplayPort 5 = HDMI IN 5

#### Example

```
ASwPrePort 1
```

#### Feedback

```
ASwPrePort 1
```

### AutoPwOff

Sends the power-off command to the display when a no source is detected. Use the *sta* argument to display the current setting.

#### Syntax

```
AutoPwOff X
```

Parameter	Description	Range
X	State	on, off, sta

#### Example

```
AutoPwOff on
```

#### Feedback

```
AutoPwOff on
```

### AutoPwOffT

Set the time interval, in seconds, before the command to power-off the display is sent, once an A/V signal is no longer detected. Use the sta argument to display the current setting.

#### Syntax

```
AutoPwOffT X
```

Parameter	Description	Range
X	Time interval	5 ... 3600, sta

#### Example

```
AutoPwOffT 120
```

#### Feedback

```
AutoPwOffT 120
```

### AutoPwOn

Sends a power-on command to the display when a source signal is received.

#### Syntax

```
AutoPwOn X
```

Parameter	Description	Range
X	State	on, off, sta

#### Example

```
AutoPwOn on
```

#### Feedback

```
AutoPwOn on
```

### AutoSW

Enables or disables auto switching or display auto switching status.

#### Syntax

```
AutoSW X
```

Parameter	Description	Range
X	Value	on, off, sta

#### Example

```
AutoSW on
```

#### Feedback

```
AutoSW on
```

### Blink

Enables or disables blinking of the **POWER** button on the front panel. When set to on, the **POWER** button will flash, alternating between red and blue, and can be used to physically identify the unit on a network. The **POWER** button will flash until the Blink off command is executed. on = enables blinking; off = disables blinking; sta = displays the current setting. The default setting is off.

#### Syntax

```
Blink X
```

Parameter	Description	Range
X	Value	on, off, sta

#### Example

Blink on

#### Feedback

Blink on

### Broadcast

Enables or disables broadcast mode. By default, broadcast mode is set to off. When set to on, changes in the web GUI will also be affected on the control system (if connected), via TCP/IP. To separate control between web GUI and Telnet, set this feature off. on = enables broadcast mode; off = disables broadcast mode; sta = displays the current setting.

#### Syntax

```
Broadcast X
```

Parameter	Description	Range
X	Value	on, off, sta

#### Example

Broadcast on

#### Feedback

Broadcast on

### ButtonPower

Sets the control type for the **POWER** button on the front panel. The default setting is RS-232. Use the sta argument to display the current setting.

#### Syntax

```
ButtonPower X
```

Parameter	Description	Range
X	Control	IP1, IP2, RS232, CEC, sta

#### Example

ButtonPower IP1

#### Feedback

ButtonPower IP1

### ButtonVol

Sets the control type for the volume (up / down) buttons on the front panel. The first parameter is the channel and must always be set to a value of 1. Do not use a space between the command and the first parameter. The default control type is RS232.

#### Syntax

```
ButtonVolX Y
```

Parameter	Description	Range
X	Channel	1 (required)
Y	Control	IP1, IP2, RS232

#### Example

ButtonVol1 on

#### Feedback

ButtonVol1 on

### CmdDelay

Sets the time interval, in seconds, for the comma delimiter when specifying multiple commands. The default value is 5 seconds.

#### Syntax

```
CmdDelay X
```

Parameter	Description	Range
X	Time interval	1 ... 10

#### Example

CmdDelay 2

#### Feedback

CmdDelay 2

### CmdTO

Sets the time-out value, in milliseconds, before a command is resent. If the command fails to reach the device, the command will be resent after the specified time interval has expired.

#### Syntax

```
CmdTO X
```

Parameter	Description	Range
X	Time interval	5000 ... 10000

#### Example

CmdTO on

#### Feedback

CmdTO on



### DispSwMode

Sets the display switching mode. 0 = CmdNone\_AvOnOff, 1 = CmdOnOff\_AvOnOff, 2 = CmdOnOff\_AvNoChange.

#### Syntax

```
DispSwMode X
```

Parameter	Description	Range
X	Mode	0, 1, 2

#### Example

```
DispSwMode 2
```

#### Feedback

```
DispSwMode 2
```

### DispWarmUpT

Sets the display warm-up timer value in seconds. Use the sta argument to display the current setting. The default value is 5 seconds.

#### Syntax

```
DispWarmUpT X
```

Parameter	Description	Range
X	Time interval	0 ... 300, sta

#### Example

```
DispWarmUpT 120
```

#### Feedback

```
DispWarmUpT 120
```

### EDIDMSet

Assigns an EDID to the specified input. The EDID can be one of the internal pre-programmed EDID selections or a custom EDID that can be stored in one of the four memory locations. A brief description of each pre-programmed EDID is listed in the table below. For a detailed summary of each EDID, refer to the Appendix in the User Manual table. Use arguments save1 through save4 to store the EDID in any of four memory locations. To display the EDID assigned to an input, use the sta argument. Do not use a space between the command and the first parameter.

For the first parameter, inputs are represented as follows:

- |               |                          |
|---------------|--------------------------|
| 1 = HDMI IN 1 | 4 = DP IN 4              |
| 2 = HDMI IN 2 | 5 = HDMI IN 5 (receiver) |
| 3 = VGA IN    |                          |

#### Syntax

```
EDIDMSetX Y
```

Parameter	Description	Range
X	Input	1 ... 5
Y	EDID	default, save1 ... save4, int1 ... int23, sta

#### Example

```
EDIDMSet3 int6  
EDIDMSet3 sta
```

#### Feedback

```
EDIDMSet3 int6  
EDIDMSet3 int6
```

### EDIDOut

Save the EDID of the display (sink), connected to the receiver, to internal memory. The first parameter must be 1.

#### Syntax

```
EDIDOutX Y
```

Parameter	Description	Range
X	Output	1 (required)
Y	Memory location	save1 ... save4

#### Example

```
EDIDOut1 save2
```

#### Feedback

```
EDIDOut1 save2
```

### FedVer

Enables or disables command feedback verification.

Syntax
FedVer

Parameter	Description	Range
X	State	on, off, sta

**Example**  
FedVer on

**Feedback**  
FedVer on

### GetUsbHost

Displays the USB host settings for all input channels

Syntax
GetUsbHost

**This command does not require any parameters**

**Example**  
GetUsbHost

**Feedback**  
IN1: 1  
IN2: 2  
IN3: 2  
IN4: 2  
IN5: 2

### HDCPSet

Set the HDCP reporting mode of the specified port. Some computers will send HDCP content if an HDCP-compliant display is detected. on = reports to the source device that the display (sink) is HDCP-compliant, off = reports to the source device that the display (sink) is not HDCP-compliant (HDCP content will not be sent), auto = uses the attributes of the display device to accept or not accept HDCP content. Setting this value to off *does not* decrypt HDCP content. Use the sta argument to display the current setting.

Syntax
HDCPSet X

Parameter	Description	Range
X	Value	on, off, auto, sta

**Example**  
HDCPSet 1 on

**Feedback**  
HDCPSet 1 on

## help

Displays the list of available commands. To obtain help on a specific command, enter the **help** command followed by the name of the command.

### Syntax

```
help [X]
```

Parameter	Description	Range
X	Command name (optional)	Command

### Example

```
help
```

### Feedback

```
Available cmds:
```

```
help
Version
Type
Lock
...
...
```

## HTTPPort

Sets the HTTP listening port for the AT-UHD-HDVS-300-TX.

### Syntax

```
HTTPPort X
```

Parameter	Description	Range
X	Port	0 ... 65535

### Example

```
HTTPPort 8080
```

### Feedback

```
HTTPPort 8080
```

## InputBroadcast

Enables or disables broadcast mode. The default setting is off.

### Syntax

```
InputBroadcast X
```

Parameter	Description	Range
X	State	on, off, sta

### Example

```
InputBroadcast on
```

### Feedback

```
InputBroadcast on
```

## InputStatus

Displays the status of each input as a set of five consecutive numbers between 0 and 1. Each number represent an input, from 1 to 5: **HDMI IN 1**, **HDMI IN 2**, **VGA IN**, **DP IN 4**, and **HDMI IN 5**, respectively. If a source is detected on the input, then a 1 will be displayed. Inputs with no source connected will display a 0.

### Syntax

```
InputStatus
```

**This command does not require any parameters**

### Example

```
InputStatus
```

### Feedback

```
InputStatus 10010
```

## IPAddUser

Adds a user for web GUI login and Telnet sessions. This command performs the same function as adding a user within the web GUI. Refer to User Manual for more information.

### Syntax

```
IPAddUser X Y
```

Parameter	Description	Range
X	User name	20 characters (max)
Y	Password	20 characters (max)

### Example

```
IPAddUser BigBoss b055man
```

### Feedback

```
IPAddUser BigBoss b055man  
TCP/IP user was added
```

## IPCFG

Displays the current network settings for the AT-UHD-HDVS-300-TX.

### Syntax

```
IPCFG
```

**This command does not require any parameters**

### Example

```
IPCFG
```

### Feedback

```
MAC addr: B8:98:B0:03:1D:7C
IP addr: 10.0.1.182
Netmask: 255.255.255.0
Gateway: 10.0.1.1
Web Port: 80
Telnet Port: 23
```

Send with TCP/IP 1:

```
IP Address: 192.168.1.10
TCP Port: 23
Listen UDP Port: 8
Send with: TCP
```

Send with TCP/IP 2:

```
IP Address: 192.168.1.11
TCP Port: 23
Listen UDP Port: 18
Send with: TCP
```

## IPChangePass

Changes the password for the specified user.

### Syntax

```
IPChangePass X
```

Parameter	Description	Range
W	Username	--
X	Old password	--
Y	New password	--
Z	Password confirmation	--

### Example

```
IPChangePass root Atlona BoS5man
```

### Feedback

```
IPChangePass root Atlona BoS5man
```

### IPDelUser

Deletes the specified user. Deleted users will no longer be able to access the web GUI or initiate Telnet sessions. This command performs the same function as removing a user within the web GUI. Refer to the User Manual for more information.

#### Syntax

```
IPDelUser X
```

Parameter	Description	Range
X	User	User name

#### Example

```
IPDelUser Minion2
```

#### Feedback

```
IPDelUser Minion2
TCP/IP user was deleted
```

### IPDHCP

Enables or disables DHCP mode on the AT-UHD-HDVS-300-TX. on = DHCP mode ON; off = DHCP mode OFF; sta = displays the current setting. If this feature is disabled, then a static IP address must be specified. The default setting is DHCP = ON.

#### Syntax

```
IPDHCP X
```

Parameter	Description	Range
X	Value	on, off, sta

#### Example

```
IPDHCP on
```

#### Feedback

```
IPDHCP on
```

### IPLogin

Enables or disables the use of login credentials when initiating a Telnet session on the AT-UHD-HDVS-300-TX. If this feature is set to on, then the AT-UHD-HDVS-300-TX will prompt for both the username and password. Use the same credentials as the web GUI. on = login credentials required; off = no login required. Use the sta argument to display the current setting. The default setting is on.

#### Syntax

```
IPLogin X
```

Parameter	Description	Range
X	Value	on, off, sta

#### Example

```
IPLogin off
```

#### Feedback

```
IPLogin off
```

## IPPort

Sets the TCP/IP listening port for the AT-UHD-HDVS-300-TX.

### Syntax

```
IPPort X
```

Parameter	Description	Range
X	Port	0 ... 65535, sta

### Example

```
IPPort 230
```

### Feedback

```
IPPort 230
```

## IPQuit

Closes the current Telnet session.

### Syntax

```
IPQuit
```

**This command does not require any parameters**

### Example

```
IPQuit
```

### Feedback

```
Connection lost...
```

## IPStatic

Sets the static IP address, subnet mask, and gateway (router) address of the AT-HDVS-210U-TX-WP. Before using this command, DHCP must be disabled on the AT-HDVS-210U-TX-WP. Refer to the [IPDHCP](#) command for more information. Each argument must be entered in dot-decimal notation and separated by a space. The default static IP address of the AT-UHD-HDVS-300-TX is 192.168.1.254.

### Syntax

```
IPStatic X Y Z
```

Parameter	Description	Range
X	IP address	0 ... 255 (per byte)
Y	Subnet mask	0 ... 255 (per byte)
Z	Gateway (router)	0 ... 255 (per byte)

### Example

```
IPStatic 192.168.1.112 255.255.255.0 192.168.1.1
```

### Feedback

```
IPStatic 192.168.1.112 255.255.255.0 192.168.1.1
```



### IPTimeout

Specifies the time interval of inactivity before the TCP/IP session is terminated. When terminated, both the Telnet and web GUI session will be closed. The default setting is 300 seconds.

#### Syntax

```
IPTimeout X
```

Parameter	Description	Range
X	Interval (in seconds)	1 ... 60000

#### Example

```
IPTimeout 300
```

#### Feedback

```
IPTimeout 300
```

### LampCoolT

Sets the lamp cool-down timer (in seconds). During this time interval, the connected projector will not receive any commands. The default value is 5 seconds.

#### Syntax

```
LampCoolT X
```

Parameter	Description	Range
X	Interval (in seconds)	1 ... 300

#### Example

```
LampCoolT 60
```

#### Feedback

```
LampCoolT 60
```

### Lock

Locks the buttons on the front panel. This feature is useful when the unit is installed in a rack environment or other remote location, to prevent unauthorized tampering or accidental pressing of the front-panel buttons. Also refer to the [Unlock](#) command.

#### Syntax

```
Lock
```

**This command does not require any parameters**

#### Example

```
Lock
```

#### Feedback

```
Lock
```

### LockOut

Sets the lockout mode for the specified input. Auto-switching will not switch to the selected port, if it is already active. The numerical argument represents an input from 1 to 5: **HDMI IN 1**, **HDMI IN 2**, **VGA IN**, **DP IN 4**, and **HDMI IN 5**, respectively.

#### Syntax

```
LockOut X
```

Parameter	Description	Range
X	Input	1 ... 5

#### Example

```
LockOut 2
```

#### Feedback

```
LockOut 2
```

### LockPwBtn

Locks or unlocks the **POWER** button on the front panel. This feature is useful when the unit is installed in a rack environment or other remote location, to prevent unauthorized tampering or accidental pressing of the **POWER** button. 0 = unlock; 1 = lock. Also refer to the **Lock** command.

#### Syntax

```
LockOut X
```

Parameter	Description	Range
X	State	0, 1

#### Example

```
LockOut 2
```

#### Feedback

```
LockOut 2
```

### Mreset

Resets the AT-UHD-HDVS-300-TX to factory-default settings.

#### Syntax

```
MReset
```

**This command does not require any parameters**

#### Example

```
Mreset
```

#### Feedback

```
Mreset
```

### OutAMute

Enables or disables the audio on the **HDMI Out** port on the receiver. on = enable; off = disable. Use the sta argument to display the current setting.

#### Syntax

```
OutAMute X
```

Parameter	Description	Range
X	State	on, off, sta

#### Example

```
OutAMute off
```

#### Feedback

```
OutAMute off
```

### RS232Ctrl

Sets the RS-232 control mode to either pass-through or display control. int = display control; ext = pass-through. Use the sta argument to display the current setting. Refer to the User Manual for more information on using RS-232.

#### Syntax

```
RS232Ctrl X
```

Parameter	Description	Range
X	Mode	int, ext, sta

#### Example

```
RS232Ctrl ext
```

#### Feedback

```
RS232Ctrl ext
```

## RS232para

Sets the baud rate, data bits, parity bit, and stop bits for the **RS-232** port on the AT-HDVS-210U-TX-WP. Each argument must be separated by a comma; no spaces are permitted. Brackets must be included when typing this command. Use the `sta` argument, *without brackets and including a space*, to display the current settings.

### Syntax

```
RS232para[W,X,Y,Z]
```

Parameter	Description	Range
W	Baud rate	2400, 9600, 19200, 38400, 56000, 57600, 115200
X	Data bits	7, 8
Y	Parity bit	None, Odd, Even
Z	Stop bits	1, 2

### Example

```
RS232para[115200,8,0,1]
RS232para sta
```

### Feedback

```
RS232para[115200,8,0,1]
RS232para[115200,8,0,1]
```

## RS232zone

Sends commands to the connected display. Refer to the User Manual of the display device for a list of available commands. Brackets must be used when specifying the command argument. The command line must not contain any spaces.

### Syntax

```
RS232zone[X][Y]
```

Parameter	Description	Range
X	Zone	1
Y	Command	String

### Example

```
RS232zone1[command]
```

### Feedback

```
RS232zone1[command]
```

### SetCmd

Defines the command used by the AT-UHD-HDVS-300-TX, to perform the specified function on the display (sink) device. For example, to define the “power off” command, locate the equivalent “power off” command for the display by consulting the display’s User Manual. Once the desired command is located, assign it to the equivalent command used by the AT-UHD-HDVS-300-TX.

#### Syntax

```
SetCmd X Y Z
```

Parameter	Description	Range
X	Action	on, off, vol+, vol-, mute
Y	End-of-Line (EOL) character	None, CR, LF, CRLF, Space
Z	Command	Sink device command

#### Example

```
SetCmd on CRLF [PWON]
```

#### Feedback

```
SetCmd on CRLF [PWON]
```

### SetExtIP

Set the IP address of the remote device.

#### Syntax

```
SetExtIP X Y
```

Parameter	Description	Range
X	TCP	1, 2
Y	IP address	IP address in dot-decimal notation

#### Example

```
SetExtIP 1 192.168.1.112
```

#### Feedback

```
SetExtIP 1 192.168.1.112
```

### SetExtPort

Set the listening port of the remote device.

#### Syntax

```
SetExtPort X
```

Parameter	Description	Range
X	TCP	1, 2
Y	Port	0 ... 65535

#### Example

```
SetExtPort 1 23
```

#### Feedback

```
SetExtPort 1 23
```

### SetFedCmd

Set the external IP or RS-232 command feedback.

#### Syntax

```
SetFedCmd X
```

Parameter	Description	Range
X	Action	on, off, vol+, vol-, mute
Y	End-of-Line (EOL) character	None, CR, LF, CRLF, Space
Z	Command	Sink device command

#### Example

```
SetFedCmd on CRLF [PWON]
```

#### Feedback

```
SetFedCmd on CRLF [PWON]
```

### SetLocPort

Sets the local UDP listening port.

#### Syntax

```
SetLocPort X
```

Parameter	Description	Range
X	TCP	1, 2
Y	Port	0 ... 65535

#### Example

```
SetLocPort 1 8
```

#### Feedback

```
SetLocPort 1 8
```

### SetTcpSendMod

Sets the IP transmission mode for the external device. The first argument specifies the device: 1 = device 1; 2 = device 2. The second argument specifies the sending mode: 0 = TCP; 1 = UDP.

#### Syntax

```
SetTcpSendMode X Y
```

Parameter	Description	Range
X	Device	1, 2
Y	Mode	0, 1

#### Example

```
SetTcpSendMod 1 1
```

#### Feedback

```
SetTcpSendMod 1 1
```

### SetUsbHost

Assigns a USB input to the specified video input. The first argument specifies the video input: 1 = HDMI IN 1, 2 = HDMI IN 2, 3 = VGA IN, 4 = DP IN 4, 5 = HDMI IN 5 (on the receiver). The second argument specifies the host USB port to be assigned to the input: 1 = USB 1, 2 = USB 2. This command is used when the AT-UHD-HDVS-300-TX is set to Follow Video mode. Refer to the User Manual for more information on USB modes.

#### Syntax

```
SetUsbHost X Y
```

Parameter	Description	Range
X	Video Input	1, 2, 3, 4, 5
Y	USB Input	1, 2

#### Example

```
SetUsbHost
```

#### Feedback

```
SetUsbHost
```

### Statusx

Displays the routing status of the **HDMI Out** port on the receiver. The output must always be specified and set to the value of 1.

#### Syntax

```
StatusxX
```

Parameter	Description	Range
X	Output	1

#### Example

```
SetUsbHost
```

#### Feedback

```
SetUsbHost
```

### TrigCEC

Sends the specified command to the display using CEC. The output must always be specified and set to the value of 1. Do not add a space between the command and the first argument.

#### Syntax

```
TrigCECX Y
```

Parameter	Description	Range
X	Zone	1
Y	Power state	on, off

#### Example

```
TrigCEC1 on
```

#### Feedback

```
TrigCEC1 on
```



## TrigIP

Sends the specified command to the display using IP. Do not add a space between the command and the first argument.

### Syntax

```
TrigIPX Y
```

Parameter	Description	Range
X	TCP	1, 2
Y	Command	on, off, vol+, vol-, mute

### Example

TrigIP1 on

### Feedback

TrigIP1 on

## TrigRS

Sends the specified command to the display using RS-232. The output must always be specified and set to the value of 1. Do not add a space between the command and the first argument.

### Syntax

```
TrigRSX Y
```

Parameter	Description	Range
X	Zone	1
Y	Power state	on, off, vol+, vol-, mute

### Example

TrigRS1 on

### Feedback

TrigRS1 on

## Type

Displays the model information of the AT-UHD-HDVS-300-TX. The full argument may be specified to display the host name and firmware version. This argument is optional.

### Syntax

```
Type X
```

Parameter	Description	Range
X	Information (optional)	full

### Example

Type

### Feedback

AT-UHD-HDVS-300

## Unlock

Unlocks the buttons on the front panel. Also refer to the [Lock](#) command.

### Syntax

```
Lock
```

**This command does not require any parameters**

### Example

Lock

### Feedback

Lock

## USBHost

Sets the active USB host port. This command performs the same operation as setting the active USB host in Manual mode, in the web GUI, but without changing the USB mode.

### Syntax

```
USBHost X
```

Parameter	Description	Range
X	Port	0, 1, 2

### Example

USBHost 2

### Feedback

USBHost 2

## UsbMode

Sets the USB mode. 0 = Follow Video, 1 = Follow USB, 2 = Manual.

### Syntax

```
UsbMode X
```

Parameter	Description	Range
X	Mode	0, 1, 2

### Example

UsbMode 1

### Feedback

UsbMode 1

## Version

Displays the current version of firmware.

### Syntax

```
Version
```

**This command does not require any parameters**

### Example

```
Version
```

### Feedback

```
Firmware 2.4.00
```

## VolRepeat

Sets the how fast the volume is changed when pressing and holding down the cursor buttons on the front panel. The specified value is in milliseconds.

### Syntax

```
VolRepeat X
```

Parameter	Description	Range
X	Time interval	100 ... 1000

### Example

```
VolRepeat 200
```

### Feedback

```
VolRepeat 200
```

## x1\$

Enables to disables the HDMI output channel. on = enable, off = disable. Use the sta argument to display the current setting.

### Syntax

```
x1$ X
```

Parameter	Description	Range
X	State	on, off, sta

### Example

```
x1$ off
```

### Feedback

```
x1$ off
```

### xXAVx1

Routes the specified input to the HDMI output. in1 = HDMI IN 1, in2 = HDMI IN 2, in3 = VGA IN, in4 = DP IN, in5 = HDMI IN 5, 0 = disables the HDMI output with no routing change.

#### Syntax

```
xXAVx1
```

Parameter	Description	Range
X	Input	in1, in2, in3, in4, in5, 0

#### Example

```
x3AVx1
```

#### Feedback

```
x3AVx1
```

