

Vaddio API

EasyIP TxRx 100.0.0 February 28, 2025

NAME

audio config

SYNOPSIS

audio config recall { factory <1> | custom <1-16> }

audio config store custom <1-16>

audio config delete custom <1-16>

DESCRIPTION

Method used to get/set/delete the audio config

OPTIONS

recall	Recall an audio config
store	Store a custom audio config
custom	A custom audio config (can be stored or recalled)
factory	A factory audio config (can be recalled)

EXAMPLES

audio config recall factory 1

Recalls the audio config 1 on the device

NAME

cec power

SYNOPSIS

cec power { on | off }

DESCRIPTION

Method used turn the hdmi out device on or off

OPTIONS

on	turns HDMI output device on
off	turns HDMI output device off

EXAMPLES

cec power off

Turns HDMI device connected to the output off ----

cec power on

Turns HDMI device connected to the output on

NAME

`cec set`

SYNOPSIS

`cec set`

DESCRIPTION

Method used set the Vaddio device as the HDMI devices active input

EXAMPLES

`cec set`

Turns HDMI device current input to whatever this vaddio device is set to

SOURCE VERSION

NAME

directory device

SYNOPSIS

directory device {get | discover | remove <IP/hostname> | add <IP/hostname> [device

DESCRIPTION

Method used to get, discover, remove, and add devices to the directory

OPTIONS

get	Get a list of all devices
discover	Get a list of all discoverable devices on the network
remove	Remove a device from the directory with its IP or hostname
add name	Add a device with its IP or hostname. You can also the device in the directory IP/hostname IP or hostname of device
device_name	Optional name for the device you're adding

EXAMPLES

Source Address Status

HDMI In

null unconnected

Camera 2

3.4.5.6 connected

Camera 3

1.2.3.4 unauthenticated

Gets all of the devices currently in the directory. Just because a device is in the directory does not mean it is connected and operational

directory device discover

Product

IP Address Room Label

Works identical to device get, however these devices may not have been added to the directory, they're just

on the network Above is an example of NO devices on a network

directory device add 3.4.5.6 totally real camera

This adds a device with the IP of 3.4.5.6 with an optional name. As you can see, this is the totally real camera which is definitely real and not just made up for this example.

NAME

exit

SYNOPSIS

exit

DESCRIPTION

Ends the current API command session. If the session is over telnet, the session is ended and the socket is closed. If the session is over serial, a new session is started.

NAME

help

SYNOPSIS

help

DESCRIPTION

Display an overview of the command line syntax

NAME

history

SYNOPSIS

history [limit]

DESCRIPTION

Since many of the programs read user input a line at a time, the command history is used to keep track of these lines and also recall historic information

HISTORY NAVIGATION

The command history can be navigated using the up and down arrow keys. The up arrow will move up a single entry in the command history while the down arrow moves down in the command history.

HISTORY EXPANSION

The command history supports the expansion functionality from which previous commands can be recalled

from within a single session. History expansion is performed immediately after a complete line is read.

Listed below are examples of history expansion:

* !! Substitute the the last command line.

* !N Substitute the Nth command line (absolute as per 'history' command)

* !-N Substitute the command line entered N lines before (relative)

EXAMPLES

history

Displays the current command buffer

history 5

Sets the history command buffer to remember the last 5 unique entries

NAME

info all get

SYNOPSIS

info all get

DESCRIPTION

Gets all the data from info

OPTIONS

get	Get all the data from info
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EXAMPLES

info all get

Product	GenericTHING
---------	--------------

Company Name	Vaddio
--------------	--------

Room Name	Rick's cubicle
-----------	----------------

Room Phone Number	(248) 434-5508
-------------------	----------------

Help Phone Number	(763) 971-4428
-------------------	----------------

NAME

info product get

SYNOPSIS

info product get

DESCRIPTION

Gets the product name

OPTIONS

get	Get the product name
-----	----------------------

EXAMPLES

info product get

Product GenericTHING

NAME

info roomlabels get

SYNOPSIS

info roomlabels get

DESCRIPTION

Gets all the user set room lables

OPTIONS

get	Get the user set room labels
-----	------------------------------

EXAMPLES

info roomlabels get

Company Name	Vaddio
--------------	--------

Room Name	Rick's cubicle
-----------	----------------

Room Phone Number	(248) 434-5508
-------------------	----------------

Help Phone Number	(763) 971-4428
-------------------	----------------

NAME

network ping

SYNOPSIS

network ping [count <count>] [size <size>] <destination-ip>

DESCRIPTION

Use the ICMP protocol's mandatory ECHO_REQUEST datagram to elicit an ICMP ECHO_RESPONSE from a host or gateway. ECHO_REQUEST datagrams have an IP and ICMP header, followed by a struct timeval and then an arbitrary number of pad bytes used to fill out the packet.

OPTIONS

count	Stop after sending count ECHO_REQUEST packets. With deadline option, ping waits for count ECHO_REPLY packets, until the timeout expires. The default is 5.
destination	The destination IP address where the ECHO_REQUESTS are sent size The data size of the ICMP packet to send. The default is 56 bytes

EXAMPLES

```
network ping 192.168.1.1
```

Attempt to send 5 ICMP ECHO_REQUESTs with data size 56 to the host at 192.168.1.1

```
network ping count 10 size 100 192.168.1.1
```

Attempt to send 10 ICMP ECHO_REQUESTs with data size of 100 to the host at 192.168.1.1

SOURCE VERSION

NAME

network settings

SYNOPSIS

network settings { get }

DESCRIPTION

Method used to get the current network settings of the device

OPTIONS

get	Get the current network settings for the machine
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EXAMPLES

network settings get

MAC Address:	00:04:a3:85:0a:ee
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IP Address:	10.10.8.116
-------------	-------------

Netmask:	255.255.255.0
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Gateway:	10.10.8.100
----------	-------------

Returns the current network settings for mac address, ip address, netmask, and gateway

NAME

system factory-reset

SYNOPSIS

system factory-reset { get | on | off }

DESCRIPTION

Method used to get or set the factory reset status.

OPTIONS

get	Get the current factory reset status
-----	--------------------------------------

on	Enable factory reset on reboot
----	--------------------------------

off	Disable factory reset on reboot
-----	---------------------------------

EXAMPLES

off

factory-reset (hardware): off

Returns the factory reset status

system factory-reset on

factory-reset (software): on

factory-reset (hardware): off

Enables factory reset upon reboot

NAME

system reboot

SYNOPSIS

system reboot [<seconds>]

DESCRIPTION

Method used to reboot system

OPTIONS

seconds	The number of seconds to delay the reboot
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EXAMPLES

reboot

Reboot system immediately

reboot 30

Reboot the system in 30 seconds

NAME

ui

SYNOPSIS

```
ui <agent> { get | set [ factory | custom <ID> ] }
```

DESCRIPTION

Method used to get or set a UI for a particular destination

OPTIONS

get	gets the UI for the agent
-----	---------------------------

set	sets the UI for the agent
-----	---------------------------

<agent>

The device/location the UI is being displayed to browser UI for the guest user that logs in

browser	UI for browsers
---------	-----------------

vdc	Vaddio Device Controller
-----	--------------------------

obs	OBS studio web part
-----	---------------------

<ID>

unsigned int	number of the UI 1 is the 1st config 2 is the 2nd, etc.
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EXAMPLES

```
ui browser get ID: factory 2
```

The browser agent is currently set to the 2nd factory UI option.

```
ui browser set factory 1
```

Set the browser to the first factory UI option

NAME

version

SYNOPSIS

version

DESCRIPTION

Display an overview of the command line syntax

EXAMPLES

version

Returns the current software version

SOURCE VERSION

NAME

video mute

SYNOPSIS

video mute { get | on | off | toggle }

DESCRIPTION

Method used to get or set video mute

OPTIONS

get	Get the current video mute
on	Set video mute to on
off	Set video mute to off
toggle	Toggle the video mute

EXAMPLES

video mute get

Get current video mute setting

video mute toggle

Toggles the current video mute setting

video mute on

Mutes video

video mute off

Unmutes video

NAME

video osd

SYNOPSIS

video osd { get | on | off }

DESCRIPTION

Method used to get or set on screen display

OPTIONS

get	Get's whether OSD is on or off
on	Set OSD to on
off	Set OSD to off

EXAMPLES

video osd get

Get whether OSD is on or off

video osd on

turns on the on screen display

video osd off

turns off the on screen display

NAME

video source

SYNOPSIS

video source { get | set [hdmi | host <IP>] }

DESCRIPTION

Method used to get or set the video output source

OPTIONS

get	Get the current source
set	Set the current source { hdmi host <IP> }

EXAMPLES

video source get

source: hdmi

Gets the current source

video source set hdmi

Sets the

source to hdmi

video source set host 130.42.56.69

Sets the source to the EZIP source at that IP address