

Vaddio API

NAME

camera ccu get

SYNOPSIS

camera ccu get <key>

DESCRIPTION

Method used to get the ccu values of a connected camera

OPTIONS

<key>

all Gets all supported CCU information

auto_white_balance Gets auto_white_balance

red_gain Gets red gain value

blue_gain Gets blue gain value

backlight_compensation Gets backlight compensation

auto_iris Gets auto_iris mode

iris Gets iris value

gain Gets gain value

detail Gets detail value

chroma Gets chroma value

gamma Gets gamma value

wide_dynamic_range Gets wide_dynamic_range

EXAMPLES

```
camera ccu get iris
```

Gets the iris value for the camera

```
camera ccu get red_gain
```

Gets the red_gain for the camera

Vaddio API

NAME

camera ccu scene

SYNOPSIS

```
camera ccu scene recall { factory <1-6> | custom <1-3> }  
camera ccu scene store <1-3>
```

DESCRIPTION

Method used to get or set the ccu scene

OPTIONS

recall	Recall a ccu scene
store	Store a custom ccu scene
custom	A custom scene (can be stored or recalled)
factory	A factory scene (can be recalled)

EXAMPLES

```
camera ccu scene recall factory 2
```

Recalls the factory scene 2 on the camera

Vaddio API

NAME

camera ccu set

SYNOPSIS

camera ccu set <key> <value>

DESCRIPTION

Method used to sets the ccu values

OPTIONS

<key>

auto_white_balance	Sets auto white balance mode {on off}
red_gain	Sets red gain value <0-255>
blue_gain	Sets blue gain value <0-255>
backlight_compensation	Sets backlight compensation mode {on off}
auto_iris	Sets auto iris mode {on off}
iris	Sets iris value <0-21>
gain	Sets gain value <1-11>
detail	Sets detail value <0-15>
chroma	Sets chroma value <0-14>
gamma	Sets gamma value <-64-64>
wide_dynamic_range	Sets wide dynamic range mode {on off}

EXAMPLES

```
camera ccu set auto_iris off
```

Sets the auto_iris off on the camera

```
camera ccu set red_gain 10
```

Sets the red gain to be 10 on the camera

NAME

camera chained-preset

SYNOPSIS

camera chained-preset recall <1-16>
camera chained-preset stop

DESCRIPTION

Method used to recall preset chains

OPTIONS

recall Recall a preset chain
stop Stop a preset chain loop

EXAMPLES

camera chained-preset recall 3

Recall the set of presets stored as chain 3

camera chained-preset stop

Stop a running chained preset

Vaddio API

NAME

camera focus

SYNOPSIS

```
camera focus { { near [<speed>] | far [<speed>] } | stop }
camera focus mode { get | auto | manual }
```

DESCRIPTION

Method used to focus the camera

OPTIONS

near	Move the camera focus near (with optional speed)
far	Move the camera focus far (with optional speed)
stop	Stop the camera focus
mode	Get the current mode or set the it to auto or manual
speed	Optional integer from 1-8 that represents the speed

EXAMPLES

```
camera focus near
```

Focuses the camera near at the default speed

```
camera focus far 8
```

Focuses the camera far at a speed of 8

```
camera focus stop
```

Stops focus movement of the camera

```
camera focus mode get
```

Gets the focus mode

Vaddio API

NAME

camera focus ir-correction

SYNOPSIS

camera focus ir-correction { get | standard | ir-light }

DESCRIPTION

Method used to get and set the state of IR focus correction

OPTIONS

get Get the current state of IR focus correction
standard Set IR focus correction to standard
ir-light Set IR focus correction to ir light

EXAMPLES

camera focus ir-correction get

Returns "standard" or "ir-light"

camera focus ir-correction standard

Sets IR focus correction to standard

camera focus ir-correction ir-light

Sets IR focus correction to ir-light

Vaddio API

NAME

camera home

SYNOPSIS

camera home

DESCRIPTION

Method used to move the camera to home position

EXAMPLES

camera home

Move the camera to home position

Vaddio API

NAME

camera icr

SYNOPSIS

camera icr { get | off | on }

DESCRIPTION

Method used to control IR(Cut) filter

OPTIONS

get	IR(Cut) filter status
off	IR(Cut) filter engaged - color
on	IR(Cut) filter disengaged - black and white

EXAMPLES

```
camera icr off
Ok
```

```
IR(Cut) filter engaged - color
```

```
camera icr get
IR(Cut) filter off(In)
Ok
```

NAME

camera led

SYNOPSIS

camera led get
camera led on
camera led off

DESCRIPTION

Method used to toggle the led on or off

OPTIONS

get Get status (on/off)
on Turn LED on
off Turn LED off

EXAMPLES

camera led on

Turn LED on.

camera led off

Turn LED off.

camera led get

Determine whether LED is on or off.

Vaddio API

NAME

camera pan

SYNOPSIS

```
camera pan { left [<speed>] | right [<speed>] | stop }
camera pan get
camera pan set <position> [<speed>] [no_wait]
```

DESCRIPTION

Method used to pan the camera

OPTIONS

left	Move the camera left
right	Move the camera right
stop	Stop the camera movement
get	Get the absolute position
set	Set the absolute position

position	Pan position in degrees
speed	Optional integer from 1-24 that represents the speed (Default: 12)
no_wait	Do not wait for camera movement to complete

EXAMPLES

```
camera pan left
```

Pans the camera left at the default speed

```
camera pan right 20
```

Pans the camera to the right at a speed of 20

```
camera pan stop
```

Stops the pan movement of the camera

```
camera pan set -45 20
```

Pan the camera to 45 degrees left of home at a speed of 20

```
camera pan set 30 no_wait
```

Pan the camera to 30 degrees right of home at a speed of 12,
and return immediately

Vaddio API

NAME
camera preset

SYNOPSIS
camera preset recall <1-16>
camera preset store <1-16> [tri-sync <1-24>] [save-ccu]

DESCRIPTION
Method used to recall and store camera presets

OPTIONS

recall	Recall preset
store	Store preset

tri-sync Tri-Sync recall speed
save-ccu Saves CCU information as well in the preset

EXAMPLES

```
camera preset recall 3
```

Move the camera to preset 3

```
camera preset store 1
```

Store current camera position as preset 1

```
camera preset store 2 tri-sync 10 save-ccu
```

Store current camera position and CCU settings as preset 2, will recall using tri-sync at speed 10

```
camera preset store 4 tri-sync 15
```

Store current camera position as preset 4, will recall using tri-sync at speed 15

Vaddio API

NAME

camera ptz-position

SYNOPSIS

```
camera ptz-position get
camera ptz-position set [pan <pan-position> [<pan-speed>]]
                        [tilt <tilt-position> [<tilt-speed>]]
                        [zoom <zoom-position> [<zoom-speed>]]
                        [{ wait | no_wait }]
```

DESCRIPTION

Method used to pan, tilt, and zoom the camera

OPTIONS

get	Get the camera PTZ positions
set	Set the camera PTZ positions
pan	Set the camera pan position in degrees
tilt	Set the camera tilt position in degrees
zoom	Set the camera magnification
wait	Do not complete until camera arrives at position (Default)
no_wait	Complete immediately
pan-position	Pan position
p-speed	Pan speed 1-24 (Default: 12)
tilt-position	Tilt position
t-speed	Tilt speed 1-20 (Default: 10)
zoom-position	Zoom magnification level
z-speed	Zoom speed 1-7 (Default: 3)

EXAMPLES

```
camera ptz-position set pan 35 tilt 25 zoom 5 no_wait
```

Pans the camera to 35 degrees, tilts to 25 degrees, and zooms to 5x, returning when camera arrives

```
camera ptz-position set pan -35 20 tilt -5 18 zoom 10 7
```

Pans the camera to -35 degrees at speed 20, tilts to -5 degrees at speed 18, and zooms to 10x at speed 7, returning immediately

```
camera ptz-position get
```

Get the current pan, tilt, and zoom positions

Vaddio API

NAME

camera sensor get

SYNOPSIS

camera sensor get

DESCRIPTION

Method used to get the camera sensor type

EXAMPLES

camera sensor get

So7100

Vaddio API

NAME

camera tilt

SYNOPSIS

```
camera tilt { up [<speed>] | down [<speed>] | stop }
camera tilt get
camera tilt set <position> [<speed>] [no_wait]
```

DESCRIPTION

Method used to tilt the camera

OPTIONS

up	Move the camera up
down	Move the camera down
stop	Stop the camera movement
get	Get the absolute position
set	Set the absolute position
position	Tilt position in degrees
speed	Optional integer from 1-20 that represents the speed (Default: 10)
no_wait	Do not wait for camera movement to complete

EXAMPLES

```
camera tilt up
```

Tilts the camera up at the default speed

```
camera tilt down 20
```

Tilts the camera down at a speed of 20

```
camera tilt stop
```

Stops the tilt movement of the camera

```
camera tilt set 45
```

Tilt the camera to 45 degrees above home position at default speed

```
camera tilt set -10 5
```

Tilt the camera to 10 degrees down from home position at a speed of 5

```
camera tilt set 10 no_wait
```

Tilt the camera to 10 degrees up from home position at a speed of 10, returning immediately

Vaddio API

NAME

camera zoom

SYNOPSIS

```
camera zoom { in [<speed>] | out [<speed>] | stop }
camera zoom get
camera zoom set <magnification> [<speed>] [no_wait]
```

DESCRIPTION

Method used to zoom the camera

OPTIONS

in	Zoom in
out	Zoom out
stop	Stop the camera movement
get	Get the current magnification level
set	Set the current magnification level
speed	Optional integer from 1-7 for designating speed (Default: 3)
no_wait	Do not wait for camera movement to complete

EXAMPLES

```
camera zoom in
```

Zooms the camera in at the default speed

```
camera zoom out 7
```

Zooms the camera out at a speed of 7

```
camera zoom stop
```

Stops zoom movement of the camera

```
camera zoom get
```

Get magnification level

```
camera zoom set 3
```

Set current magnification level to 3x magnification at speed 3

```
camera zoom set 4 5 no_wait
```

Set current magnification level to 3x magnification at speed 5, returning immediately

Vaddio API

NAME

info all

SYNOPSIS

info all get

DESCRIPTION

Gets all the data from info

OPTIONS

get Get all the data from info

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

Vaddio API

NAME

info product

SYNOPSIS

info product get

DESCRIPTION

Gets the product name

OPTIONS

get Get the product name

EXAMPLES

info product get

Product GenericTHING

Vaddio API

NAME

info roomlabels

SYNOPSIS

info roomlabels get

DESCRIPTION

Gets all the user set room labels

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

Vaddio API

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

Vaddio API

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

EXAMPLES
network settings get

MAC Address: 00:04:a3:85:0a:ee
IP Address: 10.10.8.116
Netmask: 255.255.255.0
Gateway: 10.10.8.100

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

Vaddio API

NAME

sleep

SYNOPSIS

sleep <duration>

DESCRIPTION

Method used to pause for a period of time (in milliseconds).

OPTIONS

<duration> Positive integer of milliseconds to wait (1-10000)

EXAMPLES

sleep 700

Waits for 700 milliseconds before returning

Vaddio API

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

system factory-reset get

```
factory-reset (software):  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

EXAMPLES

reboot

Reboot system immediately

reboot 30

Reboot the system in 30 seconds

Vaddio API

NAME

system serial-number

SYNOPSIS

system serial-number

DESCRIPTION

Method used to get the serial number of the device

EXAMPLES

system serial-number

9989990000WGL00000

Vaddio API

NAME

system standby

SYNOPSIS

system standby { get | on | off | toggle }

DESCRIPTION

Method used to put the system in and out of standby

OPTIONS

get get the state of the system standby mode
on put the system into standby mode
off put the system out of standby mode
toggle switches the standby mode state

EXAMPLES

system standby get

Gets the system standby state

system standby on

Activates the system standby

system standby off

Takes the system out of standby

system standby toggle

Cameras in standby leave it. Cameras out of standby go into it.

Vaddio API

NAME

version

SYNOPSIS

version

DESCRIPTION

Method used to display version information

EXAMPLES

version

Returns the current software 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