

Ecamm Live Remote API

Locating the Service

```
searchForServicesOfType:@"_ecammliveremote._tcp." inDomain:@"local."
```

Once discovered, check to ensure that it has discovered the local host, as it could potentially discover Ecamm Live running on other Macs.

Commands

All requests are HTTP **GET** requests.

Requests with *get* prefix retrieve information from Ecamm Live and return JSON.

Sometimes with parameters sent URL-encoded in the query string.

Requests with *set* prefix make changes to Ecamm Live, usually with parameters sent URL-encoded in the query string. They do not return anything but “Done”.

Display Info

getInfo

Returns: Dictionary containing strings for *ButtonLabel*, *PauseButtonLabel*, *CurrentScene*, *Mute*, and *Viewers*

getButtonLabel

Returns: Label for Start button. *string*

getPauseButtonLabel

Returns: Label for Pause button. *string*

setClickButton

Clicks the start or record button.

Parameters: None

setClickPauseButton

Clicks the pause recording button.

Parameters: None

Scenes

getSceneList

Returns: An array of Scene info dictionaries.

getSceneDict

Returns: A dictionary of Scene info dictionaries.

getSceneImage

Parameters: *id* - The scene’s UUID.

Returns: *icon*: The Scene’s last thumbnail image, as a Base 64 encoded JPG.

getCurrentScene

Returns: UUID of the current Scene.

setScene

Switch to a Scene.

Parameters: *id* - The scene's UUID.

setNext

Go to next Scene.

setPrev

Go to previous Scene.

Mute

getMute

Returns: Mute status (*yes / no*) *string*

setMute

Toggles mute status.

Concurrent Viewers

getViewers

Returns: Number of concurrent viewers. *string*

Cameras

getInputs

Returns: An array of camera inputs.

getDefaultCamera

Returns: UUID of the default camera *string*

setInput

Pick a camera.

Parameters: *id* - UUID of a camera to use.

Source Mode

getCurrentMode

Returns: Current source mode (*cam / screen / video*) *string*

setMode

Parameters: *mode* - Mode to use. (*cam / screen / video*) *string*

PIP

setPIP

Toggle PIP visibility.

Video Playback Mode

getVideoList

Returns: An array of recently used video files.

getVideoDict

Returns: A dictionary of recently used video files.

setVideo

Parameters: *id* - File path of video to play. *string*

getVideoImage

Parameters: *id* - A file path to a video.

Returns: *icon*: The videos' thumbnail image, as a Base 64 encoded JPG.

Overlays

getOverlayList

Returns: An array of Overlay info dictionaries.

getOverlayDict

Returns: A dictionary of Overlay info dictionaries.

getOverlayImage

Parameters: *id* - The Overlay's UUID.

Returns: *icon*: The Overlay's thumbnail image, as a Base 64 encoded JPG.

setOverlay

Toggle an overlay's visibility.

Parameters: *id* - UUID of the Overlay. *string*

setHideComment

Hide the most recent comment Overlay. (*Adding in v3.4.*)

SoundEffects

getSoundList

Returns: An array of Sound Effect info dictionaries.

getSoundDict

Returns: A dictionary of Sound Effect info dictionaries.

setSound

Play a sound.

Parameters: *id* - a UUID **OR** file path to a sound effect. *string*

volume - Volume level 0 to 100. *string*

action - Playback behavior. (*stop / loop / restart*) *string*

setSoundVolume

Set the volume level of the currently playing sound.

Parameters: *volume* - Volume level 0 to 100. *string*

setSoundStop

Stop the currently playing sound. (*Adding in v3.4.*)