Cisco Collaboration Devices – SRG–A40/A12 integration

Setup guide

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1. SRG-A40/A12 integration

This description applies to Camera firmware version 2.01

SRG-A40 and SRG-A12 cameras are recognized by a codec and the camera status and peripheral status are populated accordingly.

It is also possible to enable or disable the PTZ auto-framing feature of the camera.

1.1 Camera status

Manufacturer "Sony"

Model: "SRG-A40" or "SRG-A12"

1.2 Peripheral status

Name: "Sony SRG-A40" or "Sony SRG-A12"

It is possible to enable and disable the PTZ auto-framing function from the codec.

PTZ Autoframing On (default):
- The camera is autonomous and tracks as configured in its Web UI
- On entering the Awake state, the codec enables PTZ auto-framing
- The codec doesn't enable manual camera control
- The codec doesn't configure the camera. This must be done through the cameras web interface.
- In the halfwake and standby states the codec disables PTZ auto framing.

PTZ Autoframing Off:
- The camera behaves as a normal PTZ camera with PTZ controls.
- The codec configures the camera
- Cross-view is currently not available for this camera.

2. Codec setup

This is identical to other PTZ cameras such as the PTZ 4K except that an extra restart of the codec and camera is required after the very first connection to pair the camera.

2.1 Details

Connect HDMI output of camera to appropriate HDMI input of the codec.

Connect the network cable from the cameras LAN port to the private LAN of the codec.

Wait until camera is ready – approx 30 sec.

Reboot camera and codec.

2.2 Configuration of PTZ auto-framing

PTZ auto-framing is configured on the codec as follows:

`xConfiguration Cameras Camera N PtzAutoFraming: <On/Off>`

By default PTZ auto framing is On.

2.3 Known issues

When PTZ auto-framing is enabled and the codec wakes up directly from Standby to Awake,

PTZ auto-framing on gets rejected by the camera.

Workaround:

Disable Camera standby mode for the appropriate camera.

`xConfiguration Cameras Camera 1 Standby Mode: Disabled`

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3. Camera configuration

Please refer to the Sony SRG A40/A12 Operating manual for a detailed description.

3.1 DIP switches

Set DIP switch 3 to on, all others off.

3.2 Web UI

The camera is configured through the cameras web UI.

The camera's web UI can be accessed in these two ways:
- Connecting a host/laptop to the local LAN network of the codec (3.2.1)
- Using a touch device (see 3.2.2)

3.2.1 Accessing web UI through a host

Connect a host/laptop to one of the private network ports on the codec.

The host/laptop must have DHCP enabled, and gets the address 169.254.1.30

Open a web browser using the address of the camera: http://169.254.1.201

3.2.1 Using a touch input device on the codec

Find the IP address of the camera (xstatus cameras //ip) where model is "SRG-A40" or "SRG-A12" and login to the web UI of the codec and create a web app:

Web > UI Extensions editor web app URL > http://169.254.1.20x/ and press *Upload* button.

An icon appears on the touch device – use this to open the web interface of the camera.

Known issues

Drag function does not work (camera firmware issue).

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3.2.2 PTZ framing autostart

As default, the SRG-A40/A12 always automatically enables auto-framing at startup and on exiting standby. In order to use this camera with manual camera control, this must be set to off.

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