

SONY

BRC- X1000/H800/X400 SRG-X400/X120 Interoperability with

Cisco Collaboration solutions



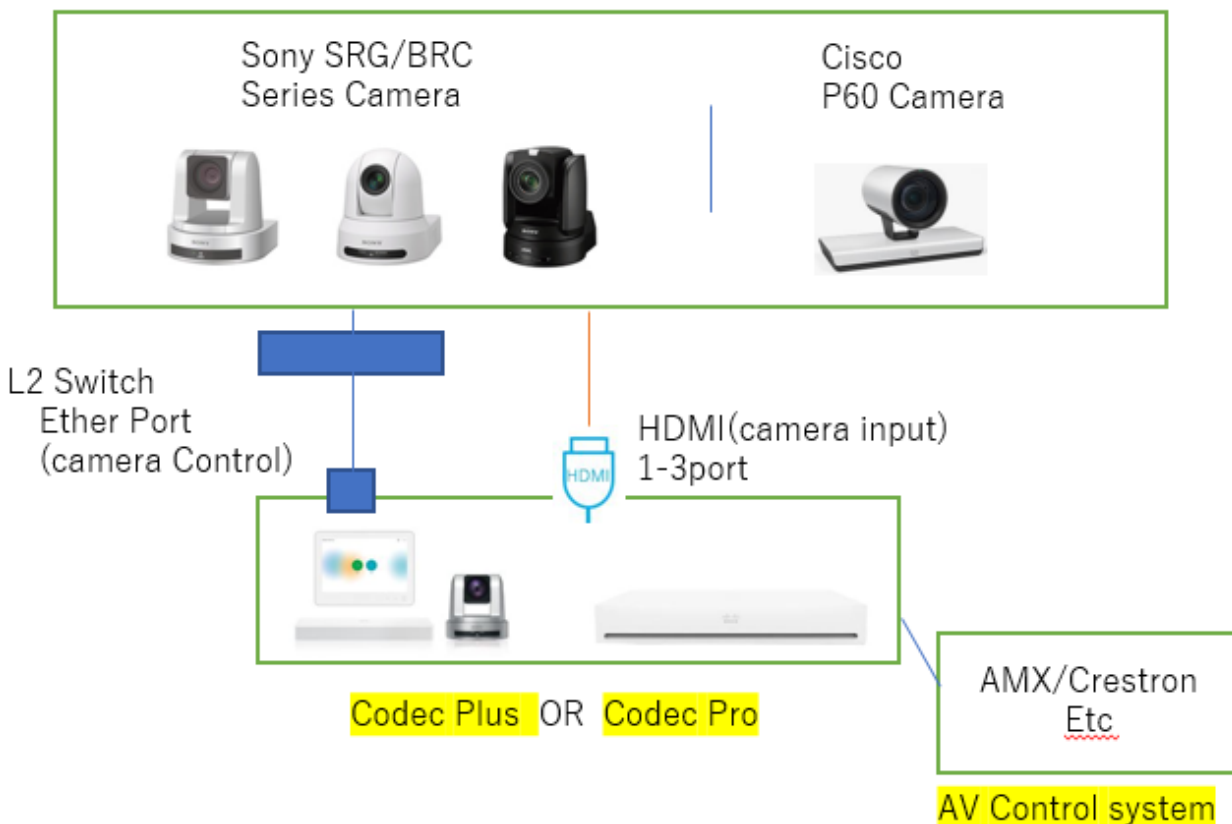
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1. Interoperability Test Result

Sony confirmed that following Sony Network Camera products were tested compatible with Cisco Collaboration solutions via Visca over IP protocol with respective FW versions.

Cisco CE Version	Sony Network Camera		Notes
	Model	FW Version	
CE 9.14.2	BRC-X1000	2.0.2	Actually tested
	BRC-H800	2.0.2	
	BRC-X400	2.0.0	Actually tested
	SRG-X400	2.0.0	
	SRG-X120	2.0.0	



1.1. Test result: Local system

Following functions were tested using touch 10 connected to a Codec Pro configured in local system. As the result we confirmed with no issues. In addition no issues were found with the xapi commands.

- discovery
- power on/off
- configuration (subset)
- ramp
- standby/halfwake handling
- set position / camera presets
- configured with autofocus on in all tests, have not tested manual focus.

As the result:

Touch 10 control

Camera Select	supported
PTZ Control	supported
Camera Preset	supported

Xapi control

Camera Select	supported
PTZ Control	supported
Camera Preset	supported
Room Preset	supported

1.2. Test result: Remote/External system (FECC)

FarEndControl is in principle support the following call topologies H323 -- H323 and SIP -- SIP and Cloud – Cloud. Note that when using Far End Controls from the Touch10, only ‘PTZ Control’ is supported. ‘Camera Select’ and ‘Position Preset’ are not currently supported on the Touch10 but are available from the XAPI. But ‘Camera Select’ and ‘Position Preset’ can be controlled on Touch 10 by utilizing macro.

Touch 10 control

Camera Select not supported

PTZ Control supported

Camera Preset not supported

Room Preset not supported

Xapi controls

Camera Select supported

PTZ Control supported

Camera Preset not supported

Room Preset supported

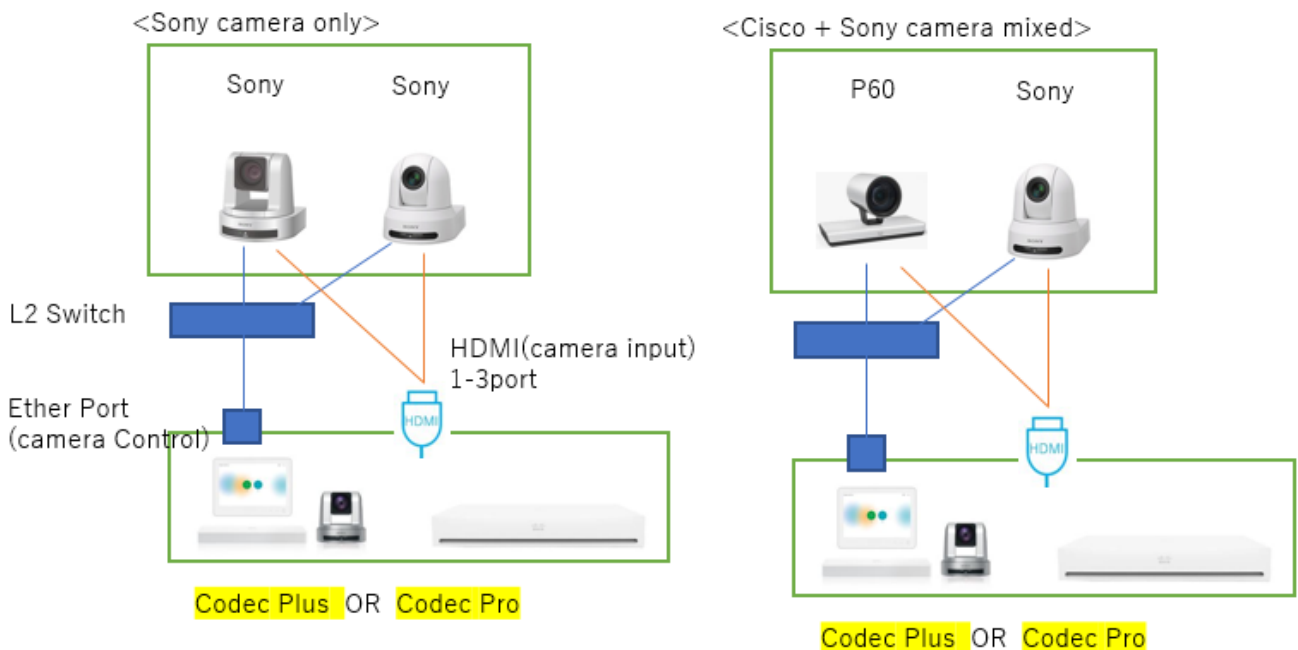
1.3. Test result: Case of 2 camera system

[Local system]

- 'PTZ Control' and 'Position Preset' with 2 camera system work in both of the following cases;
 - 1) Sony only
 - 2) Sony and Cisco mixed.

[Remote/External system (FECC)]

- 'PTZ Control' with 2 camera system work in both of the following cases;
 - 1) Sony only
 - 2) Sony and Cisco mixed.
- 'PTZ Control' is supported, but 'Camera Select' is not supported.
When you control a PTZ camera at remote site, current main camera can be controlled.
- When using the touch 10, FECC control (PTZ only), this will control the current main camera. In order to change the camera, you need to use the xapi (e.g. xCommand Call FarEndControl Source Select) or utilize macro to do this.



Note

In order to identify Cam1 and Cam2 for system setup, serial number is required. For the case of Sony camera, use mac instead of serial number, because Sony camera does not support reading the serial number, but reading the mac address is supported. If you check the status of the camera, the serial number field shows the mac address of Sony camera.

For your reference, following is the test result, when camera 1: Sony BRC-X400 and camera 2: Cisco Precision 60 is connected to Codec Pro

```
xstatus cameras //serial
```

```
*s Cameras Camera 1 SerialNumber: "CC988B690497"
```

```
*s Cameras Camera 2 SerialNumber: "FOC2033NKZ7"
```

```
xstatus cameras //macaddress
```

```
*s Cameras Camera 1 MacAddress: "CC:98:8B:69:04:97"
```

```
*s Cameras Camera 2 MacAddress: "00:C1:64:18:91:9A"
```

Mixing camera types:

General comment regarding mixing camera types: We support having several camera types connected to a codec, so you can mix P60, sony, QuadCam etc.... The only thing you need to do is make sure that the cameras get the correct camera number. For cisco cameras this is automatic, when you connect a cisco camera (e.g. P60) the codec asks the camera which HDMI connector number it is connected to and gets assigned this number. This automates the process of adding cisco cameras. If there is a problem getting the HDMI (EDID) information from the camera, (e.g. due to a HDMI switch which does not support forwarding EDID) then this automatic mechanism can be overridden as follows:

```
xConfiguration Cameras Camera N AssignedSerialNumber: "XXXXXXXXXXXXX"
```

Sony cameras have no support for automatic mechanism. If you have just one camera then it will be camera 1. However, if you have more than 1 sony camera or a mixture of cisco and sony cameras then you should use the following command to assign a camera number to a physical camera:

```
xConfiguration Cameras Camera N AssignedSerialNumber: "XXXXXXXXXXXXX"
```

The serial number can be obtained by executing:

```
xstatus Cameras Camera N SerialNumber
```

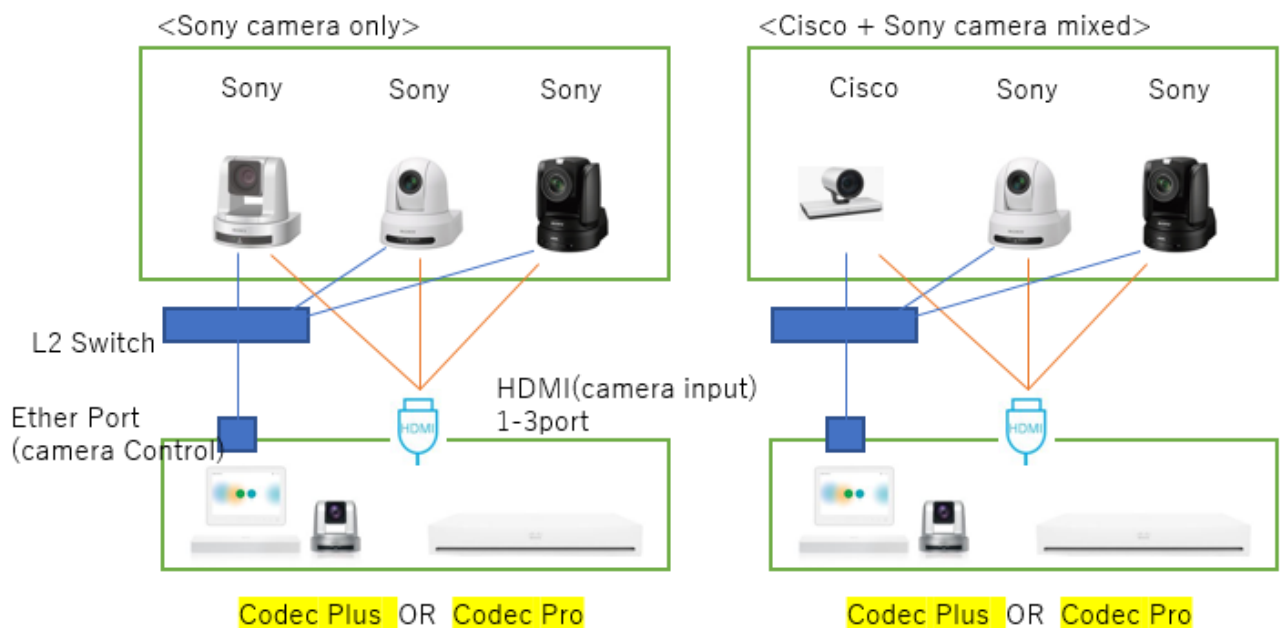
1.4. Test result: Case of 3 camera system

[Local system]

- ‘PTZ Control’ and ‘Position Preset’ with 3 camera system work in both of the following cases;
 - 1) Sony only
 - 2) Sony and Cisco mixed.

[Remote/External system (FECC)]

- ‘PTZ Control’ with 3 camera system work in both of the following cases;
 - 1) Sony only
 - 2) Sony and Cisco mixed.
- ‘PTZ Control’ is supported, but ‘Camera Select’ is not supported.
When you control a PTZ camera at remote site, current main camera can be controlled.
- When using the touch 10, FECC control (PTZ only), this will control the current main camera.
In order to change the camera, you need to use the xapi (e.g. xCommand Call FarEndControl Source Select) or utilize macro to do this.



Note

In order to identify Cam1 and Cam2 for system setup, serial number is required. For the case of Sony camera, use mac instead of serial number, because Sony camera does not support reading the serial number, but reading the mac address is supported. If you check the status of the camera, the serial number field shows the mac address of Sony camera.

Revision History

Date	Revision	Description
2020/12/23	1.0.0	First edition.

Disclaimer

This document mentions test results under our test environment and conditions. Note that all regular operations of BRC-X1000/BRC-H800 / BRC-X400 /SRG-X400 / SRG-X120 with Cisco Collaboration solutions are not guaranteed. Therefore, please make your own verification test under your actual environments and conditions before real use.

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