# Stream Select – Integration of OIP-N60D and VS-KB21

#### Introduction

The VS-KB21 is a network camera controller, and the OIP-N60D is a streaming device that connects network cameras and outputs video via HDMI to a monitor. The integration feature allows the selected camera image to be automatically displayed on the monitor when switching sources with the controller.

This guide explains how to switch between different camera sources on the OIP-N60D using the VS-KB21 camera controller.

**%Note**∶

The VS-KB21 does not support control or preview functions for NDI cameras. To control or preview NDI cameras, please use the VS-KB21N.



#### Steps:

1. Connect camera sources to the OIP-N60D.

We will use the 2 cameras (VC-TR40N and VC-TR60) below as an example.

Lumens	OIP-N60D Default							
S Dashboard		Source List		Search New Source	Searc	h Mode	NDI & ONVIF	
S Basilboard		No.	Name	Location	IP Add.	Туре	Status	Remark
		1	A0-VC-A61P	Default	192.168.6.52	RTSP	OK	8557/h264
Source		2	A0-TR60-Dante-	A Default	192.168.6.101	RTSP	OK	8557/h264
	. (	3	A0-TR60-Dante-	A Default	192.168.6.101	RTSP	OK	8556/h264
Audio	l III	4	A0-A53	Default	192.168.6.124	RTSP	OK	8557/h264
a fidalo		5	A0-N40E	Default	192.168.6.104	RTSP	OK	8557/h264
		6	A71P-HN-TST2	Default, 192.168.6.123	192.168.6.123	NDI	OK	
Layout		7	VC-TR60	Default	192 168 4 49	RTSP	OK	8557/h264
		✓ 8	VC-TR60	Default	192.168.4.49	RTSP	Source 1, Source 2	8556/h264
📩 System 🛛		9	OIP-N40E	Default	192.168.4.23	RTSP	OK	8557/h264
		✓ 10	VC-TR40N	Default, 192.168.4.59	192.168.4.59	NDI	OK	
		11	VC-TR41	Default, 192,168,4,69	192,168,4.69	NDI	OK	

## 2. Connect Cameras to VS-KB21

Add the same cameras (VC-TR60 and VC-TR40N) to the VS-KB21 camera controller. Assign any desired camera numbers to the VC-TR60 and VC-TR40N, respectively.

In the example below, the TR40N has been assigned to **camera 14**, and the TR60 has been assigned to **camera 15**.



- 3. Configure the settings for each of the two cameras in the Camera Information section.
  - a. Enable OIP Link mode
  - b. Enter the OIP-N60D's IP address
  - c. Enter the Source ID. (This ID should correspond to the camera's sequence number in the OIP-N60D's web interface.)

In the example below, the VC-TR40N has been assigned to ID 10, and the VC-TR60 has been assigned to **ID 8**.

1F	R60 (C	Camera 15	)	V	′C-T	R40N (Ca	mera 14)
				P			
<b>√</b> 01	Can P Link Mode	nera Information			✓ OIP	Camera Inforn Link Mode	nation
<b>√</b> 0#		gger			✓ OIP	Manual Trigger	•
✓ OIF			1~		AOIR		1~
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V UIP					✓ OIP	Address	-
🖌 Sou	urce ID		8 > 4 + 4		✓ Sou	rce ID	
So	ource List		Search New Source	Search	h Mode :	NDI & ONVIF	
So	No.	: Name	Search New Source	Search	h Mode	NDI & ONVIF	Remark
So	No.	Name A0-VC-A61P	Search New Source	Search IP Add. 192.168.6.52	Type RTSP	NDI & ONVIF V Status OK	Remark 8557/h264
<b>S</b> o	No.	Name A0-VC-A61P A0-TR60-Dante-A	Search New Source	Search IP Add. 192.168.6.52 192.168.6.101	Type RTSP RTSP	NDI & ONVIF V Status OK OK	Remark 8557/h264 8557/h264
<b>So</b>	No.	Name Ao-VC-A61P A0-TR60-Dante-A A0-TR60-Dante-A	Search New Source Location Default Default Default	Search IP Add. 192.168.6.52 192.168.6.101 192.168.6.101	Type RTSP RTSP RTSP	NDI & ONVIF V Status OK OK OK	Remark 8557/h264 8557/h264 85556/h264
<b>s</b> o	No.	Name Ao-VC-A61P Ao-TR60-Dante-A Ao-TR60-Dante-A A0-A53	Search New Source Location Default Default Default Default	Search IP Add. 192.168.6.52 192.168.6.101 192.168.6.101 192.168.6.124	Type RTSP RTSP RTSP RTSP	NDI & ONVIF V Status OK OK OK	Rematik 8557/h264 8557/h264 8556/h264 8556/h264
<b>So</b>	No. 1 2 3 4 5	Neme A0-VC-A61P A0-TR60-Dante-A A0-TR60-Dante-A A0-A63 A0-N40E	Search New Source Location Default Default Default Default	Search IP Add. 192 168 6 52 192 168 6 101 192 168 6 101 192 168 6 104 192 168 6 104	Type RTSP RTSP RTSP RTSP RTSP RTSP	NDI & ONVIF V Status OK OK OK OK	Remark 8557/h264 8557/h264 8557/h264 8557/h264 8557/h264
<b>So</b>	No. 1 2 3 4 5 6	Name A0-VC-A61P A0-TR60-Dante-A A0-TR60-Dante-A A0-A53 A0-N40E A71P-IN-TST2	Search New Source Default Default Default Default Default Default Default, 192 168 6.123	Search IP Add. 192.168.6.52 192.168.6.101 192.168.6.101 192.168.6.124 192.168.6.104 192.168.6.123	Type RTSP RTSP RTSP RTSP RTSP RTSP NDI	NDI & ONVIF ✓ Status OK OK OK OK OK	Remark 8557/h264 8557/h264 8556/h264 8557/h264 8557/h264
<b>s</b> o	No. 1 2 3 4 5 6 7	Name Ao-VC-A61P Ao-TR60-Dante-A Ao-TR60-Dante-A Ao-N40E A71P-HN-TST2 VC-TR60	Search New Source Location Default Default Default Default Default Default Default Default	Search IP Add. 192.168.6.52 192.168.6.101 192.168.6.101 192.168.6.104 192.168.6.104 192.168.6.104 192.168.6.103	Type RTSP RTSP RTSP RTSP RTSP RTSP NDI RTSP	NDI & ONVIF V Status OK OK OK OK OK OK	Rematk 8557/h264 8557/h264 8556/h264 8557/h264 8557/h264 8557/h264
So	No. 1 2 3 4 5 6 7 8	Name A0-VC-A61P A0-TR60-Dante-A A0-TR60-Dante-A A0-A53 A0-N40E A71P-HN-TST2 VC-TR60 VC-TR60	Search New Source Location Default	Searci IP Add. 192.168.6.52 192.168.6.101 192.168.6.101 192.168.6.124 192.168.6.124 192.168.6.123 192.168.4.49	Type RTSP RTSP RTSP RTSP RTSP NDI RTSP RTSP	NDI & ONVIF V Status OK OK OK OK OK OK Source 1. Source 2	Remark 8557/h264 8557/h264 8557/h264 8557/h264 8557/h264 85557/h264 85557/h264
	Durce List No. 1 2 3 4 5 6 7 8 9	Name Ao-VC-A61P Ao-TR60-Dante-A Ao-TR60-Dante-A Ao-A53 Ao-N40E A71P-HN-TST2 VC-TR60 VC-TR60 OIP-N40E	Search New Source Location Default Def	Searce IP Add. 192 168.6.52 192.168.6.101 192.168.6.104 192.168.6.103 192.168.4.123 192.168.4.123 192.168.4.49 192.168.4.49	Type RTSP RTSP RTSP RTSP RTSP NDI RTSP RTSP RTSP	NDI & ONVIF V Status OK OK OK OK OK OK Source 1, Source 2 OK	Remark 8557/h264 8557/h264 8557/h264 8557/h264 8557/h264 8555/h264 8555/h264
	Durce List No. 1 2 3 4 5 6 7 7 8 9 10	Name           A0-VC-A61P           A0-TR60-Dante-A           A0-TR60-Dante-A           A0-A63           A0-N40E           A71P-IN-TST2           VC-TR60           VC-TR60           VC-TR40N	Search New Source  Location  Default D	<b>Search</b> <b>IP Add.</b> 192, 168, 6, 52 192, 168, 6, 101 192, 168, 6, 104 192, 168, 6, 104 192, 168, 6, 103 192, 168, 6, 123 192, 168, 4, 49 192, 168, 4, 49 192, 168, 4, 59	Type RTSP RTSP RTSP RTSP RTSP NDI RTSP RTSP RTSP NDI	NDI & ONVIF V Status OK OK OK OK OK OK OK OK	Rematk 8557/h264 8557/h264 8557/h264 8557/h264 8557/h264 8557/h264 8556/h264 8557/h264

4. Switch Cameras on VS-KB21

After completing the setup, selecting Camera 14 or Camera 15 via the VS-KB21 will automatically trigger the corresponding image to be displayed on the monitor via the OIP-N60D.

## **OIP Manual Trigger (Optional Mode)**

If you prefer manual control of the output image, you can disable automatic switching by enabling Manual Trigger mode.

### Steps

- 1. Enable Manual Trigger
- 2. Disable OIP Link Mode



3. Assign OIP trigger function

Go to the Keys section in the Settings and assign a shortcut key (F1 or F2) to cameras.



In the F1 or F2 section, select **OIP Trigger** as a shortcut key.



4. Switch Cameras on OIP with VS-KB21 manually.

With this setting, selecting a camera on the VS-KB21 will not automatically change the image on the monitor.

The image of OIP will only switch after you press the assigned shortcut key (F1 or F2 button).

