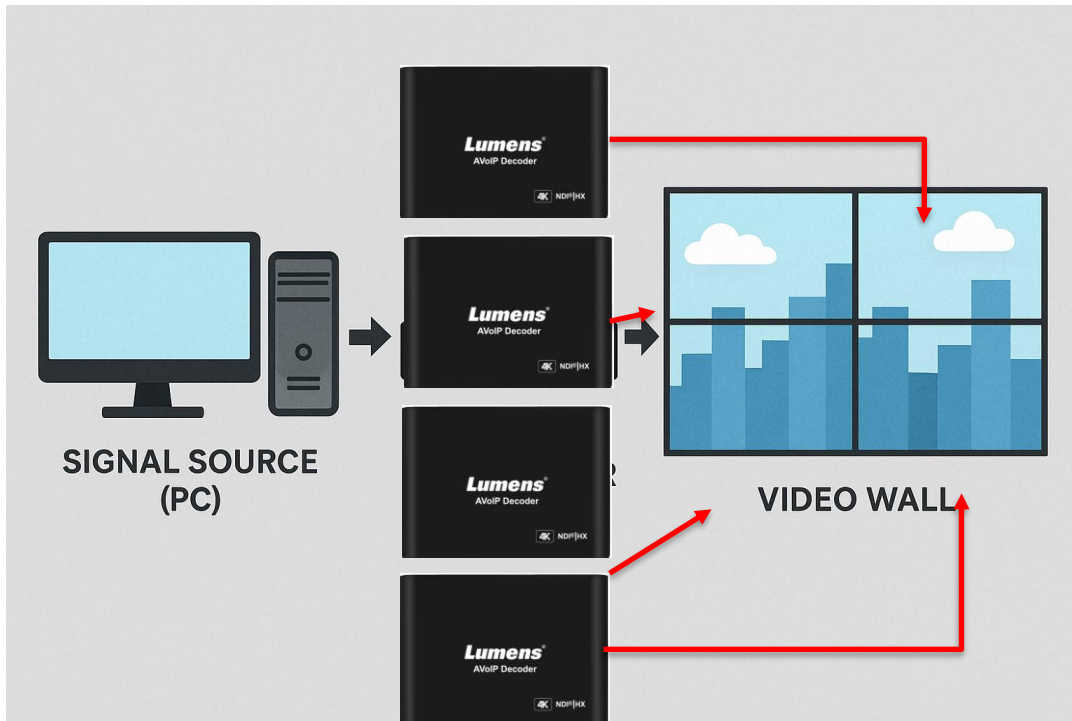


OIP-N TV Wall Setting Guide

1. Introduction

TV Wall is one of the function in OIP-N60D. It is used in applications with multiple screen splicing. By connecting an OIP-N to each screen and outputting the same video source, multiple screens can be spliced together to form a large display. The diagram below illustrates the application



2. What You Need

- OIP-N60D/OIP-N60D, Dante AV-H ×2-9 units
 - OIP-N60D: FW OIB119 above
 - OIP-N60D Dante AV-H: FW OIC115 above
- OIP-N40E x 1 unit (FW OIA119 above) or IP Video Source X1

3. Recommendations and Limitations Before Setup

- Connect all devices to the same LAN where possible
- Record each OIP's IP address and corresponding display position
- Maximum supported configuration: 3×3 (9 units)
- Output supports landscape only (portrait mode not supported)
- Recommended layout: 2×2 or 3×3 for proper aspect ratio; other layouts may cause distortion
- Virtual USB output not supported

4. Setup for TV Wall

Step 1: Set Layout Mode

→ Go to [Layout] → Change [Layout Model] to [TV Wall]

Dashboard

Source

Audio

Layout

System

Maintenance

About

HEVC Advance™

Layout Model: TV Wall

Bezel and Gap Compensation

Overall Width(OW) Overall Height(OH)

0 0

Video Width(VW) Video Height(VH)

0 0

UNIT: 0.1mm

Video Wall Setting

Horizontal Monitor Count 1

Vertical Monitor Count 1

Horizontal-Position A

Vertical-Position 1

Apply Cancel

Horizontal Monitor Count

Vertical Monitor Count

Horizontal-Position

Vertical-Position

Step 2: Set up Bezel and Gap Compensation

→ To avoid the TV Wall not being continuous from display gap, user should fill in below data: Overall Width/Height, and Video Width/Height.

Unit: 0.1mm, for example: When OW is 100cm, user should fill in 10000(0.1mm).

Bezel and Gap Compensation

Overall Width(OW) Overall Height(OH)

0 0

Video Width(VW) Video Height(VH)

0 0

UNIT: 0.1mm

Step 3: Set up TV Wall amount, and OIP-N60D position

→ Fill in TV Wall amount (Maximum 3X3), and OIP-N60D position (e.g., A1, B2, C3 ...).

- Horizontal Monitor Count – Number of displays per row
- Vertical Monitor Count – Number of displays per column
- Horizontal Position – Column position (A, B, C)
- Vertical Position – Row position (1, 2, 3)

※Tip : Keep a record of each OIP-N's IP and display position for troubleshooting and future adjustments

Video Wall Setting

Horizontal Monitor Count: 1

Vertical Monitor Count: 1

Horizontal-Position: A

Vertical-Position: 1

Apply Cancel

Horizontal Monitor Count: A B C

Vertical Monitor Count: 1 2 3

Horizontal-Position: Vertical-Position

Step 4: Select Video source on OIP-N60D

→ GO to [Source] → Select video source want to play.

Source List: Search New Source Search Mode: NDI & ONVIF

No	Name	Location	IP Add.	Type	Status	Remark
1	OIP-N40E	Default, 192.168.4.69	192.168.4.69	NDI	Source 1	
2	VC-TR30A	Default	192.168.4.211	RTSP	OK	8557/h264
3	VC-TR60A	Default	192.168.4.211	RTSP	OK	8556/h264
4	VC-TR30	Default	192.168.4.113	RTSP	OK	8557/h264
5	VC-TR30	Default	192.168.4.113	RTSP	OK	8556/h264

Step 5: Repeat Step1-4 in other OIP-N60D

→Go to other OIP-N60D webpage and repeat Step1-Step4, Step2 and Step3 should modify parameters depend on different OIP-N60D.

5. Support

For installation or configuration support, please contact Lumens technical support team to assist.



Get Help?