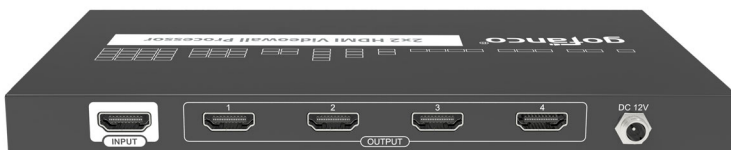
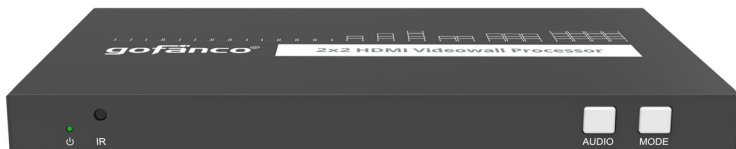




2x2 HDMI Video Wall Processor Processor User's Guide



P/N:Videowall

Thank you for purchasing from gofanco. Our products aim to meet all your connectivity needs wherever you go. For optimum performance and safety, please read the instructions carefully and keep this User's Guide for future reference. If you need more information about our products, please visit www.gofanco.com. For technical support, email us at support@gofanco.com. For drivers or manual download, please go to www.gofanco.com/downloads.

Important Safety Notices

Please read safety instructions carefully before installation and operation.

- Please pay close attention to all warnings and hints for this device
- Do not expose this unit to rain, heavy moisture, or liquid
- Do not put any items into the device or attempt to modify its operation
- Do not repair the device or open the enclosure without professional guidance to avoid electric shocks. Doing so may void your warranty
- Keep the product in a well-ventilated location to avoid damage from overheating
- Shut off power and make sure environment is safe before installation
- Do not plug the HDMI cables in/out when the device is in use to avoid cable damage. Make sure they are plugged into the correct ports
- Use the included power adapter only. Make sure the specification matches if using 3rd-party DC power adapters

Introduction

gofanco's 2x2 HDMI Video Wall Processor is equipped with 1 HDMI input and 4 HDMI outputs. It supports 9 video wall modes, and capable of cascading up to a 4x4 video wall.

Features

- 2x2 HDMI Video Wall controller/processor, with cascading up to a 4x4 video wall
- Input resolutions: Up to 4K@60Hz YUV 4:4:4 (4K HDR is not supported)
- Output resolution: 4 HDMI outputs fixed at 1080p @60Hz. Automatic up and down scaling to 1080p output
- HDCP 2.2/1.x compliant
- Controls: Front panel buttons and IR remote
- Optional Mute and Unmute of the audio output
- Surface mountable

Installation Requirements

- HDMI source device
- HDMI displays
- HDMI cables (not included)

Package Contents

- 2x2 HDMI Video Wall Processor
- IR remote control
- Power adapter (Output: 12V/1A)
- Mounting accessories
- User's guide

Product Layout



Figure 1: Front Panel Layout

1. **Power LED:** On when powered on
2. **IR eye:** Receives IR signal from the remote control
3. **Audio:** Press to turn On/Off the audio output
4. **Mode:** Press to toggle between the 9 video wall modes. See **Video Wall Modes** on page 5 for more information

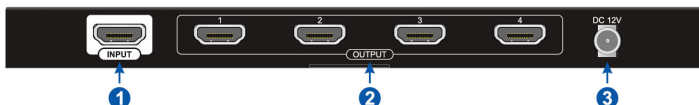


Figure 2: Rear Panel Layout

1. **HDMI Input:** Connect to your HDMI source device
2. **HDMI Outputs (x4):** Connect to your HDMI displays
3. **Power jack:** Connect to the included power adapter

Hardware Installation

1. Power off all devices including your HDMI source and HDMI display(s).
2. Connect your HDMI source to the Video Wall Processor's HDMI Input using an HDMI cable (HDMI cable not included).
3. Connect your HDMI display(s) to the HDMI Output(s) of the Video Wall Processor using HDMI cable(s) (HDMI cables not included).
4. Plug the included power adapter into the Video Wall Processor's Power Jack, then plug the power adapter into a reliable power outlet.
5. Power on all connected devices. The 2x2 HDMI Video Wall Processor is ready for use.

Video Wall Modes

Press the **Mode** button on the Processor's front panel or the IR Remote control to toggle through the 9 video wall modes.

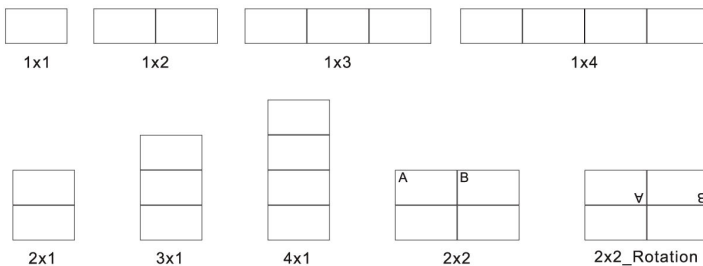


Figure 3 : Video Wall Modes

IR Remote

Users can control the Video Wall Processor using the included remote. Point the remote control at the Video Wall Processor's IR eye.

1. **Standby Button:** Press to turn On/Off standby mode
2. **Mute Button:** Press to mute and unmute the sound
3. **OSD Button:** Press to show / hide OSD. Displays video wall mode and audio properties
4. **Video Wall Mode Selection Button (x4):** Press to select the next/previous video wall mode
5. **Pre-set Video Wall Mode Selection Button (x5):** Press to select between 5 video wall modes. **Note:** The 2x2 button toggles between 2x2 and 2x2_Rotation mode

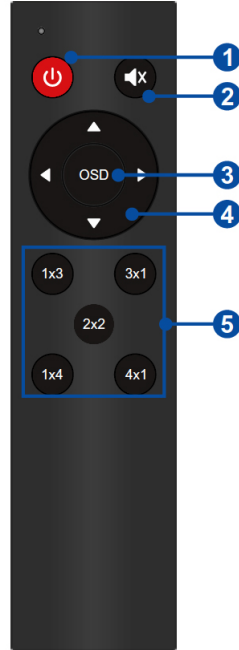


Figure 4: IR Remote Layout

Connection Diagram

The application diagram shows the most typical input and output devices used with the 2x2 HDMI Video Wall Processor.

Single Video Wall Processor

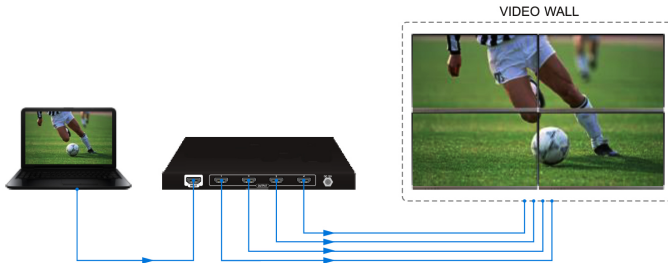


Figure 5: Single Video Wall Processor



Figure 6: 2x2 Video Wall Setup

Cascade Video Wall Processor

Supports cascading up to 4 Video Wall Processors.

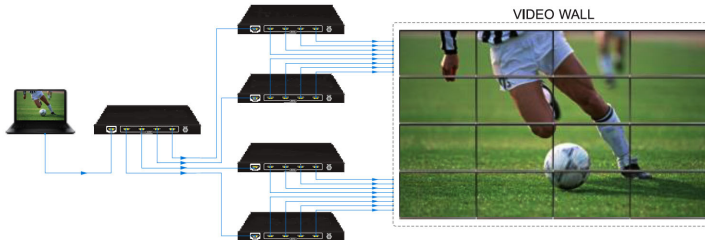


Figure 7: Cascade Video Wall Processor

Specifications

Video Input	
Input	(1) HDMI IN
Input Connector	(1) 19-pin type-A female HDMI
Resolution	Up to 4K@60Hz 4:4:4
Video Output	
Output	(4) HDMI OUT
Output Connector	(1) 19-pin type-A female HDMI
Resolution	1920x1080p@60Hz
General	
HDMI input Version	Up to HDMI 2.0b
HDCP input Version	Up to HDCP 2.2
Audio Format	Supports PCM2.0
Power Supply	Input: 100VAC~240VAC, 50/60Hz; Output: 12VDC 1A
Power Consumption	11W (Max)
Operation Temperature	-5 to +55°C (+23° to +131°F)
Storage Temperature	-25 to +70°C (-13° to +158°F)
Relative Humidity	10% to 90%, Non-condensing
Dimensions (W*H*D)	210mm x 18mm x 110mm
Net Weight	550g

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