

# User Manual

Milestone PRO

## MP-VW22

### 4K HDMI Video Wall Processor



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Version: MP-VW22\_2021V1.1

### Introduction

Thanks for choosing the 4K HDMI Video Wall Processor. The unit supports 1 HDMI input and 4 HDMI outputs. HDMI input supports resolutions up to 4Kx2K@60Hz 4:4:4 and output resolution is fixed to be 1920x1080p@60Hz. It supports 9 video wall modes, which can be selected via front panel button and IR remote.

### Features

- HDMI input up to 4Kx2K@60Hz 4:4:4.
- HDCP 2.2 and 1.x compliant.
- Four HDMI output resolution fixed to be 1920x1080p.
- Built in automatic up & down-scaling to 1080p output.
- Controlled by front panel button and IR remote.
- Nine video wall modes (1x1, 1x2, 1x3, 1x4, 2x1, 3x1, 4x1, 2x2, 2x2 Rotation) selectable.
- Cascadable for larger system.
- Mute & Unmute optional for audio output.

### Package List

- 1x Video Wall Processor
- 2x Mounting Ears
- 1x IR Remote
- 1x User Manual
- 1x Power Adaptor (12V DC)
- 2x Mounting Screws
- 4x Plastic Cushions

### Panel Description

#### Front Panel



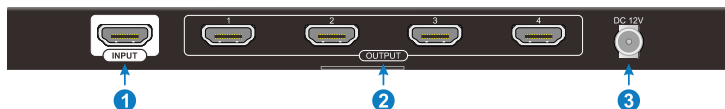
1. **Power LED:** The LED illuminates green when power is applied.
2. **IR:** Built-in IR sensor to receive IR signal.

## 4K HDMI Video Wall Processor

**3. Audio:** Press the button to turn on/off audio output.

**4. Mode:** Press the button to toggle video wall modes.

### Rear Panel



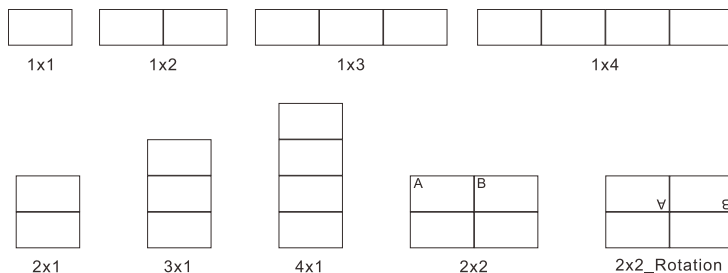
**1. Input:** Type-A female HDMI input port to connect HDMI source device.

**2. Output:** Four type-A female HDMI output port to connect to the video display device.

**3. DC 12V:** DC connector for the power adapter connection.

### Video Wall Modes

User can press the button on the front panel or IR remote to toggle 9 video wall modes



### IR Remote

The video wall processor has a built-in IR sensor to receive IR control signal from IR remote.

① Standby button:  
Press it to enter/ exit standby mode.

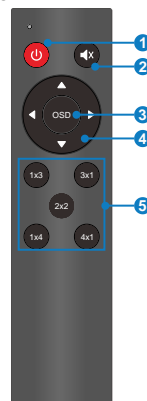
② Mute button:  
Press it to enter/ exit audio mute mode.

③ OSD button:  
Press it to show/ hidden OSD.

④ Video wall mode select button:  
Press them to select video wall mode.

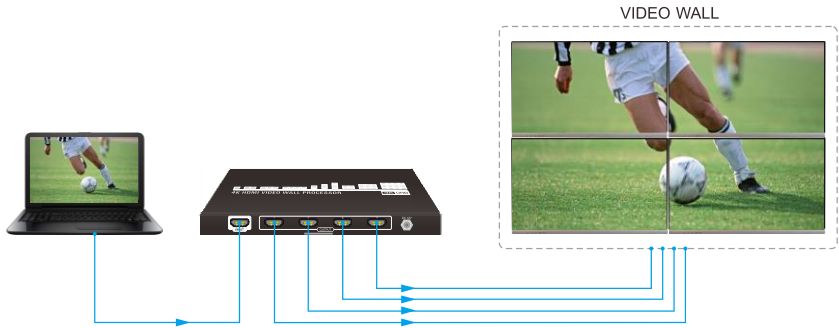
Navigation buttons for previous/ next mode.

2x2 button will toggle between 2x2 mode and 2x2\_Rotation mode.

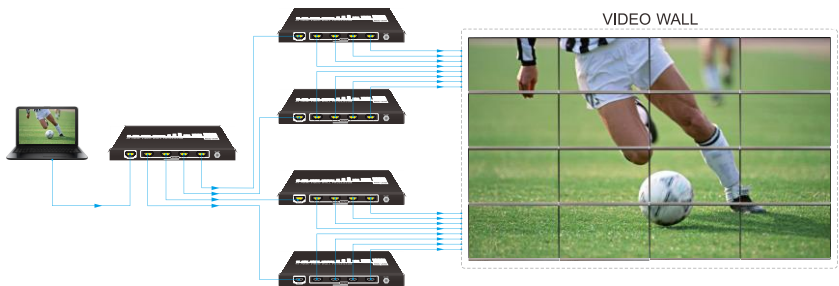


## Connection Diagram

- Normal Usage



- Cascade Usage



**Specification**

| <b>Video Input</b>    |  |
|-----------------------|--|
| Input                 | (1) HDMI IN  |
| Input Connector       | (1) 19-pin type-A female HDMI                      |
| Resolution            | Up to 4K@60Hz 4:4:4                                |
| <b>Video Output</b>   |  |
| Output                | (4) HDMI OUT                                       |
| Output Connector      | (1) 19-pin type-A female HDMI                      |
| Resolution            | 1920x1080p@60Hz                                    |
| <b>General</b>        |  |
| 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;<br>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   |