



PRODUCT OVERVIEW

The MP-VW22 is a 4K HDMI video wall processor designed to distribute one HDMI source across four displays. It supports input resolutions up to 4K×2K@60Hz 4:4:4 and provides fixed 1920×1080p@60Hz HDMI outputs for multi-display video-wall applications.

KEY FEATURES

- HDMI input up to 4K×2K@60Hz 4:4:4.
- Four HDMI outputs with 1920×1080p@60Hz fixed output.
- HDCP input support up to HDCP 2.2.
- Automatic up/down-scaling to 1080p.
- Nine selectable video-wall modes.
- Front-panel and IR remote control.
- Cascade support for larger video-wall systems.
- PCM 2.0 audio with mute/unmute control.

PARAMETER	SPECIFICATION
Video Input	1 × HDMI
Video Outputs	4 × HDMI
Input Resolution	Up to 4K×2K@60Hz 4:4:4
Output Resolution	1920×1080p@60Hz fixed
HDMI Standard	HDMI input up to HDMI 2.0b
HDCP	Input up to HDCP 2.2
Audio	PCM 2.0
Scaling	Automatic up/down-scaling to 1080p
Video-Wall Modes	1×1, 1×2, 1×3, 1×4, 2×1, 3×1, 4×1, 2×2, 2×2 Rotation
Control	Front-panel buttons and IR remote
Cascade	Supported
Power Input	100–240VAC, 50/60Hz
DC Output	12VDC, 1A
Maximum Power	11W
Operating Temperature	–5°C to +55°C
Storage Temperature	–25°C to +70°C
Relative Humidity	10%–90%
Dimensions	210 × 18 × 110 mm
Net Weight	550 g

PACKAGE CONTENTS

- 1 × MP-VW22 Video Wall Processor
- 2 × Mounting ears
- 1 × IR remote control
- 1 × User manual
- 1 × 12V power adapter
- 2 × Mounting screws
- 4 × Plastic cushions

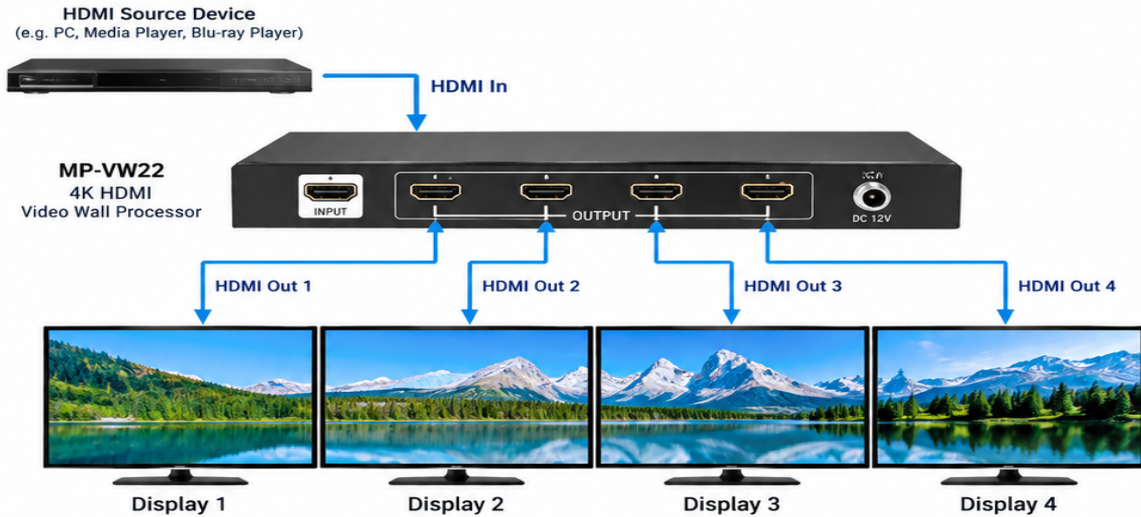
Warranty: 3 years

MP-VW22

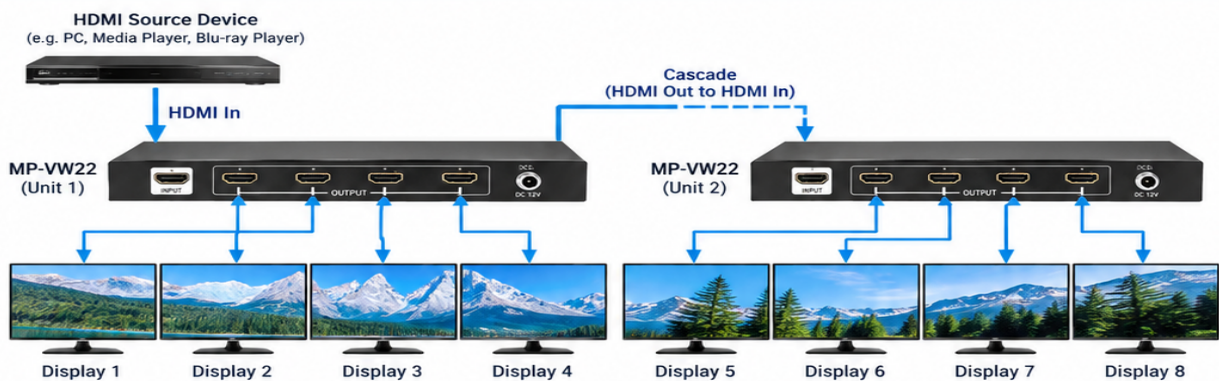
4K HDMI Video Wall Processor

System Connection Diagram

Normal Usage (1 × 4 Video Wall)



Cascade Usage (Larger Video Wall)



Note: Multiple MP-VW22 units can be cascaded to create larger video wall systems.

APPLICATION

A single HDMI source can be connected to the MP-VW22 and distributed to four displays for a video-wall installation. For larger systems, multiple MP-VW22 units can be cascaded.

MODE	APPLICATION
1×1	Single display
1×2	Two-display layout
1×3	Three-display layout
1×4	Four-display layout

MODE	APPLICATION
2×1	Two-display layout
3×1	Three-display layout
4×1	Four-display layout
2×2	2×2 video wall
2×2 Rotation	2×2 rotated layout

Source: supplied MP-VW22 user manual, version MP-VW22_2021V1.1.