

2x2 HDMI Video Wall Processor – 4K 60Hz HDMI 2.0 Video Input & Four 1080p Outputs

SPLITMUX®

Display the video from one 4Kx2K UHD HDMI video source across four 1080p HDMI monitors. Cascade processors to create large video walls up to 64x64 or 1x4096.

- Supports video wall configurations with displays in landscape orientation – 1x2, 1x3, 1x4, 2x1, 3x1, 4x1, 2x2
 - In 2x2 Rotation Mode, the top two images will be rotated 180 degrees.
 - In 1x1 Mode, use as a video splitter – all monitors simultaneously display the same image.
- Supported resolutions:
 - Input: Ultra-HD 4Kx2K resolutions to 3840x2160 (60Hz) and HDTV resolutions to 1080p.
 - Output: 1920x1080 (fixed for each port).
- Cascade processors up to six levels to create large video walls up to 64x64 or 1x4096.
- HDMI features supported:
 - HDMI 2.0
 - Up to 36-bit Deep Color
 - RGB, YCbCr 4:4:4, YCbCr 4:2:0
 - LPCM 2/5.1/7.1, Dolby, DTS
 - YUV 4:4:4 and 4:2:0
- HDCP 2.2 and 1.4 compliant.
- Fluid, real-time video performance with 60 frames per second (fps).
- Each monitor simultaneously plays the audio.
- Quick and easy plug-and-play installation – no drivers or software.
- Control the video wall controller through front panel buttons or IR remote (included).
- Ideal for a wide range of digital signage applications, including: retail stores, restaurants, corporate lobbies, entertainment venues, trade shows, airports, and more.

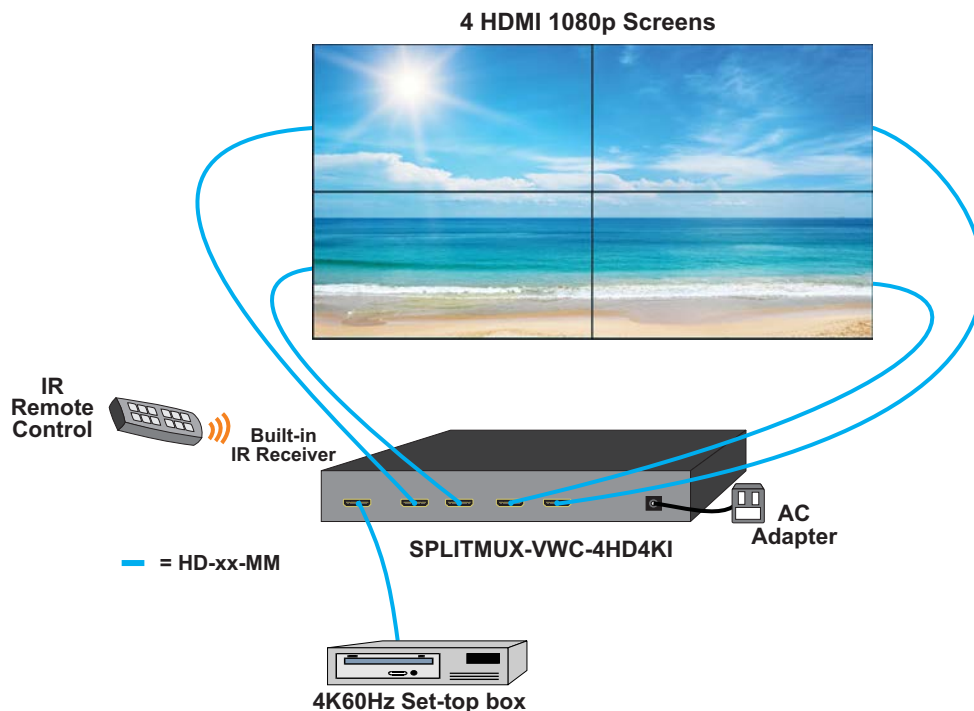


SPLITMUX-VWC-4HD4KI (Front & Back)

The SPLITMUX® HDM Video Wall Processor displays video from one 4Kx2K 60 Hz HDMI video source across four 1080p HDMI monitors to form one large screen – 2x2 video wall. Additionally, it can be used as a video splitter.

- **4K 60Hz HDMI 2.0 Video Input & Four 1080p Outputs**
- **Cascade units for video walls up to 64x64 or 1x4096**
- **Use as a video splitter**

Configuration and Cable Illustration



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Display the video from one 4Kx2K UHD HDMI video source across four 1080p HDMI monitors. Cascade processors to create large video walls up to 64x64 or 1x4096.

Specifications

Inputs

- One female HDMI connector.
- Compatible with a computer or Ultra-HD video source with HDMI video.
- Supported video input resolutions:
 - Ultra-HD 4Kx2K resolutions to 3840x2160 (60Hz)
 - HDTV resolutions to 1080p
- Supports HDCP 2.2 and 1.4

Outputs

- Four female HDMI connectors.
- Supported video output resolutions: HDTV 1080p (1920x1080 @ 60Hz)
 - Fixed for each port.
- Supports embedded digital audio through HDMI compatible TVs or audio receivers.
- Supports HDCP 2.2 and 1.4

Power

- Input: 100 to 240 VAC at 50 or 60 Hz via AC adapter. (AC adapter included.)
- Output: 12 VDC, 2A

Dimensions

- WxDxH (in): 8.27x4.33x0.71 (210x110x18 mm)

Cables

- Interface cables between the video source/displays and the video wall processor are required for proper operation.
- Use HD-xx-MM cable to connect an HDMI source or displays.
 - Supports 3840x2160@60Hz input to 20 feet.
 - Supports 1080p@60Hz input/outputs to 50 feet.
- Use DP-xx-MM cable to connect a DisplayPort source.
- Use DVI-HD-xx-MM cable to connect a DVI source.
- Use USB3C-HD4K-xx-MM cable to connect a USB 3.0 Type C source with DP Alt Mode or Thunderbolt 3 (computer, tablet, or smartphone).
- Cables not included.

Environmental

- Operating temperature: 23 to 131°F (-5 to 55°C).
- Storage temperature: -13 to 158°F (-25 to 70°C).
- Operating/storage relative humidity: 10 to 90% non-condensing RH.

Regulatory Approvals

- CE, FCC, RoHS

Warranty

- Two years

Compatible NTI Products

- Combine NTI's extenders, switches, splitters and cables for complex applications.
 - 4K HDMI Active Optical Cable (HD4K18GB-FO-xxM-MM)