

# 4K 18Gbps HDMI Video Splitter: 4-Port

VOPEX®

Simultaneously display the same Ultra-HD 4Kx2K 60Hz 4:4:4 image from one 18Gbps HDMI video source to four displays



- Supports Ultra-HD 4Kx2K resolutions (4096x2160 and 3840x2160 @60Hz YUV 4:4:4) and HDTV resolutions to 1080p.
- HDMI features supported:
  - HDMI 2.0
  - RGB, YCbCr 4:4:4, YCbCr 4:2:2, and YCbCr 4:2:0
  - Dolby TrueHD, LPCM 7.1, and DTS-HD Master Audio
  - Up to 48-bit Deep Color
  - Bandwidth up to 600 MHz (18Gbps)
  - 3D
  - HDR
- HDCP 2.2 compliant.
- Built-in EDID learning for the support of any HDMI display device.
- Ideal for digital signage, tradeshow, or classrooms where high quality video on multiple displays is needed.

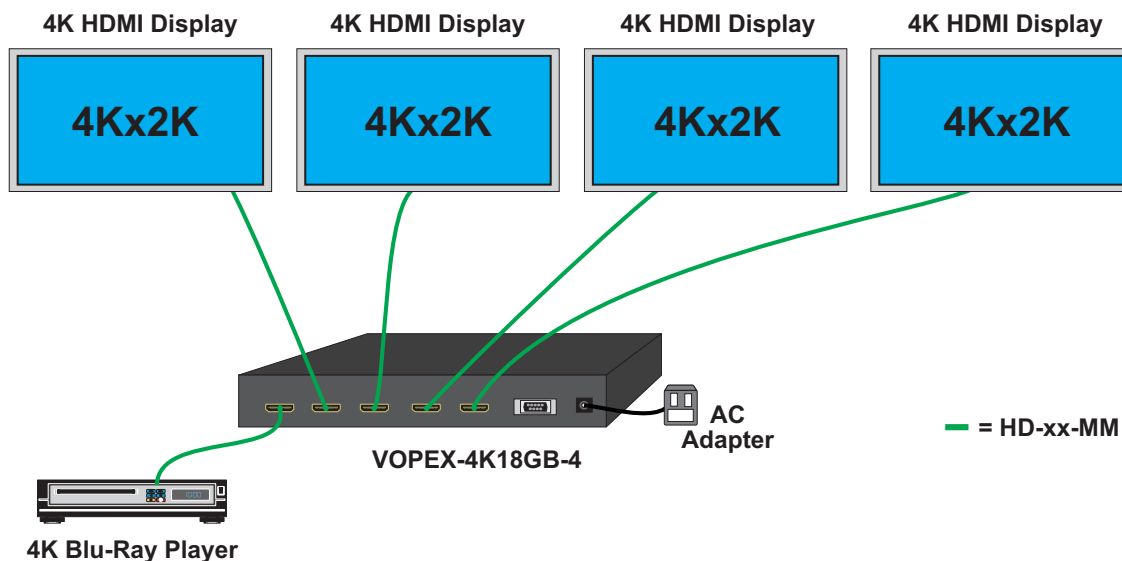


VOPEX-4K18GB-4 (Front & Back)

- **Resolutions to Ultra-HD 4Kx2K 60Hz 4:4:4**
- **18Gbps bandwidth**
- **HDMI 2.0**

The VOPEX® 4K 18Gbps HDMI Splitter simultaneously displays the same Ultra-HD 4Kx2K 60Hz 4:4:4 image from one 18Gbps HDMI video source to four displays.

## Configuration and Cable Illustration



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## Specifications

### Video Input

- One female HDMI Type A connector for video source.
- Supports HDCP 2.2

### Video Output

- Four female HDMI Type A connectors for displays.
- Supports Ultra-HD 4Kx2K resolutions (4096x2160 and 3840x2160 @60Hz YUV 4:4:4) and HDTV resolutions to 1080p.
- DIP switch on front panel for EDID learning.
- Supports HDCP 2.2

### RS232

- Female DB9 RS232 port for firmware updates.

### Power

- Input: 100 to 240 VAC at 50 or 60Hz via AC adapter (included).
- Output: 5 VDC, 2A
- Power consumption: 5W

### Dimensions

- WxDxH (in):6.57x3.96x1.57 (167x101x40 mm)

### Environmental

- Operating temperature: 32 to 140°F (0 to 60°C).
- Storage temperature: -4 to 185°F (-20 to 85°C).
- Operating and storage relative humidity: up to 95% non-condensing RH.

### Regulatory Approval

- CE, RoHS

### Warranty

- Two years

### Cables

- Interface cables between the video source/displays and the splitter are required for proper operation.
  - Supports cable lengths to 20 feet for 4K@60Hz resolutions, and lengths to 50 feet for 1080p@60Hz using passive HDMI cables.
    - ♦ Longer cables can be used provided they have a built-in video equalizer (also known as “active HDMI cables”).
- Use HD-xx-MM cable to connect an HDMI source or display.
  - HD-3/6/10/15-MM supports resolutions to 4K@60Hz.
  - HD-25/30/50-MM supports resolutions to 1080p@60Hz.
- Use HD-ACT-xx-MM 4K HDMI Active Cables to connect an HDMI source or display (not included).
  - HD-ACT-20/25/30/40/50/60-MM supports resolutions to 4K@60Hz.
  - HD-ACT-75/100-MM supports resolutions to 1080p@60Hz.
- Use DVI-HD-xM-MM to connect a DVI source or display.
  - Supports resolutions to 1080p@60Hz.
- Cables not included.