

INSTALLATION & SPECIFICATIONS

OMX-HDMI-1X2-4K2 Splitter-Distribution Amplifier Routes One HDMI Signal to Two HDMI Displays

Installation Requirements

Frequency Range

Video Form

TMDS Signal

DDC Signal

HDMI Resolution

Power Consumption Dimensions (LxWxH)

Power Supply

Weight

Audio

- 1. Source: HDMI video source
- 2. Display: Display with HDMI port
- 3. Cable: HDMI cable able to support 4Kx2K

25MHz-600MHz

12 Bit Full HD

4Kx2K@ 30/60HZ UHD

DSD (Direct Stream Digital)

4Kx2K@ 24/25/30/60Hz

480i/480p/756i/756p/720p/1080i/1080p/

0.5~1.5Vp-p(TMDS)

3D Video

5Vp-p(TTL)

Standard

HD(HBR)

5VDC/1A

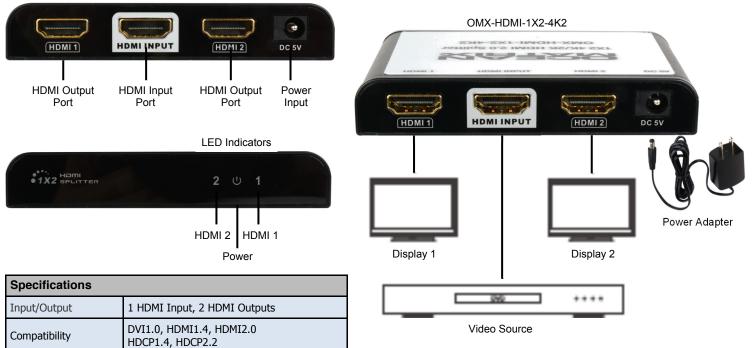
3.8x2.3x0.66in

5W

3.2oz

Installation

- 1. Connect the HMDI video source output port to the splitter input port
- 2. Connect the splitter output port to the HDMI display
- 3. Set the display input to right HDMI channel
- 4. Connect the power supply and turn the power on



Features

- Distributes 1 HDMI source to 2 HDMI displays simultaneously
- Supports HDMI 3D and 4K x 2K@60Hz when both the input and output devices support 4K x 2K
- Supports 3D output when both HDMI source and HDMI displays support 3D
- Support bandwidth up to 18Gbps
- HDMI2.0 compliant
- HDCP2.0 compliant
- Audio Supports Standard, Direct Stream Digital, and HD/high bit-rate audio

Includes—5VDC/1A Power Supply

Ocean Matrix 812 Kings Highway • Saugerties, NY 12477 www.oceanmatrix.com

RAFAN

Troubleshooting

No image output

- Ensure power supply is firmly connected. Only use the 5VDC power adapter included with the unit.
- Check that the HDMI cables are securely connected.
- Check that the display/TV has been set to the proper channel.
- For PC connections via HDMI, set output mode to mirror or extend.

Display is unstable

- Check all connections.
- Connect the HDMI source directly to the display device to ensure there is a signal output. Change the signal source if necessary.
- Use only high-quality HDMI 1.4 and HDMI 2.0 cable for transmitting 4K×2K UHD signal.



SAFETY PRECAUTIONS



- 1. To prevent fire or shock hazard, do not expose this equipment to high humidity and/or dust. Do not use in an unprotected outdoor installation nor any area classified as overly damp or wet.
- 2. The temperature for installation should be kept between 32°F to 140°F (0°C to 60°C). Avoid direct sunlight exposure or extreme changes of temperature over a short period of time.
- 3. Do not disassemble the unit or place it on an unstable base.
- 4. Do not drop the unit and avoid heavy impact.
- 5. This unit should not be permanently installed unless proper ventilation is provided. Any enclosure openings must not be blocked or covered as they protect the unit from overheating.
- 6. Before cleaning, turn off the power and unplug the unit from all connections. Use a damp cloth. Do not use liquid cleaners nor aerosol cleaners.
- 7. Do not overload outlets and extension cords as this may result in a risk of fire or electric shock.
- 8. Enclosure entry is dangerous. Never push objects of any kind, including liquids, into this unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
- 9. Do not attempt to open or service this unit yourself as opening or removing covers may expose you to dangerous voltage and other hazards.
- 10. There are no user-serviceable parts inside the unit. If the unit requires service contact your authorized dealer, or an authorized repair service company.

