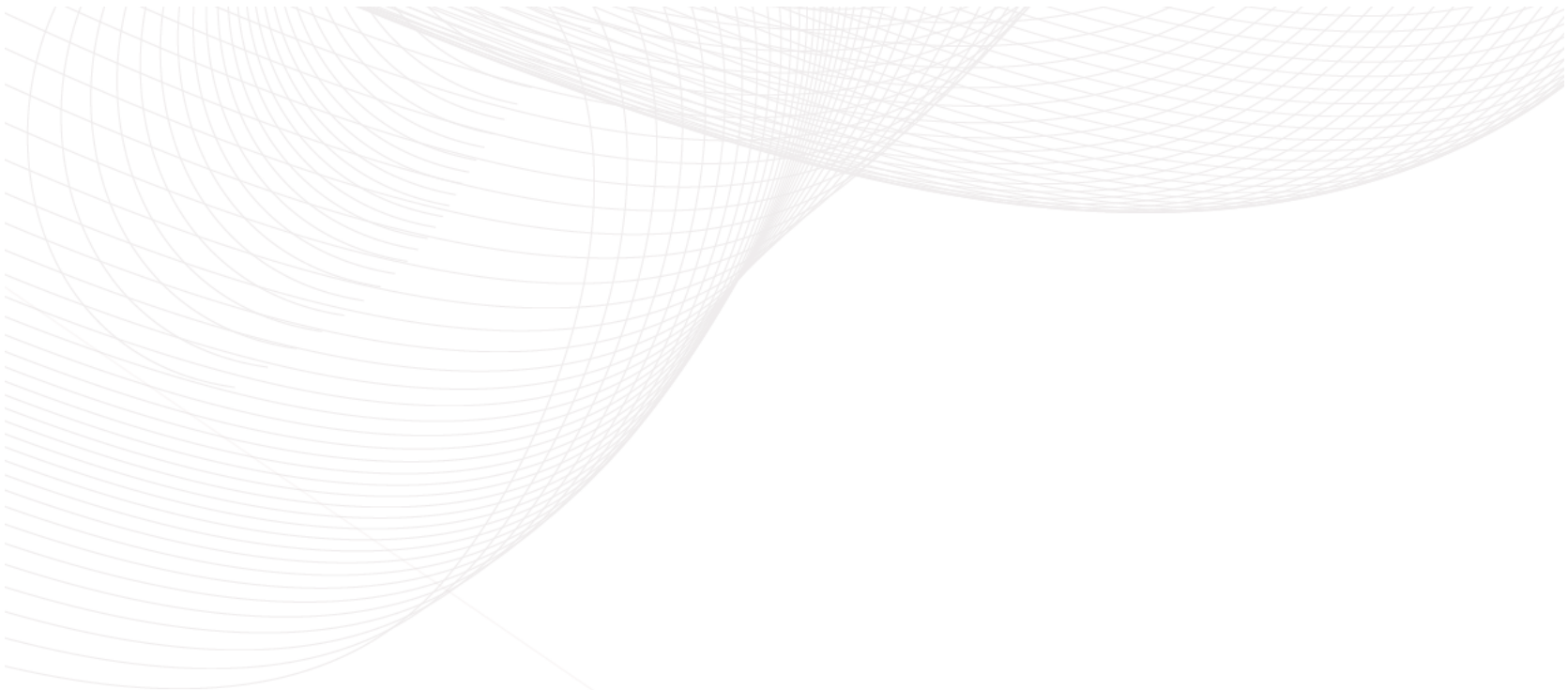




# PRODUCT BROCHURE





## COMPANY PROFILE

AV Access has long been dedicated to providing professional and reliable Pro AV products, including extenders, splitters, switchers and compact matrixes. We adhere to high reliability, user-friendliness and ongoing innovation as our product philosophy, and own strong R&D, supply chain and manufacturing capability, which contribute to the continuous development of excellent products, and guarantee that products are with consistently high-level quality and at competitive prices.

Up to now, AV Access has been evolved to a leading brand in the online market of Pro AV industry. At the same time, we also provide localized product sales and technical support services to customers in Europe, North America, Asia Pacific regions, etc.

# 4KMX42-H2A

4 x 2 4K HDMI Matrix Switcher

Matrix Switch



## FEATURES

- Routes four HDMI sources to two 4K HDR Ultra HD displays
- HDCP 2.2 compliant
- Supports up to 4K Ultra HD and DCI resolutions(4096x2160@60Hz)
- Each output supports scaling from 4K to 1080P independently
- Analog audio de-embedded from output 1
- Digital audio de-embedded from HDMI output 2 or HDMI ARC from TV
- Supports 12-bit Deep Color, 3D, Lip Sync and loss-less HD audio formats pass through
- Rich control options, include RS-232, IR and push button controls

## SPECIFICATION

| Technical                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input                             | 4 x HDMI IN (Type-A female connector)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Output                            | 2 x HDMI OUT (Type-A female connector)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Video Signal Type                 | HDMI with 4K@60 4:4:4, HDR 10, HLG & Dolby Vision, HDCP 2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Input/Output Resolution Supported | VESA: 800x600 <sup>8</sup> , 1024x768 <sup>8</sup> , 1280x768 <sup>8</sup> , 1280x800 <sup>8</sup> , 1280x960 <sup>8</sup> , 1280x1024 <sup>8</sup> , 1360x768 <sup>8</sup> , 1366x768 <sup>8</sup> , 1440x900 <sup>8</sup> , 1600x900 <sup>8</sup> , 1600x1200 <sup>8</sup> , 1680x1050 <sup>8</sup> , 1920x1200 <sup>8</sup><br>SMPTE: 720x576P <sup>8</sup> , 1280x720P <sup>6,7,8</sup> , 1920x1080P <sup>2,5,6,7,8</sup> , 3840x2160P <sup>2,5,6,8</sup> , 4096x2160P <sup>2,5,6,8</sup><br>2 = at 24 Hz, 3 = at 25 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz |
| Audio Format Supported            | HDMI IN/OUT: Fully supports audio formats in HDMI 2.0 specification, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X<br>AUDIO OUT: Only support PCM 2.0;<br>S/PDIF OUT: Support PCM 2.0/5.1, Dolby digital and DTS up to 5.1 Channel.                                                                                                                                                                                                                                                                                                           |
| Maximum Data Rate                 | 18 Gbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Control Method                    | IR, RS232, Front Panel Button                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| General                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operating Temperature             | 0°C to 45°C (32°F to 113°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage Temperature               | -20°C to 70°C (-4°F to 158°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Humidity                          | 10% to 90%, non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ESD Protection                    | Human-body Model: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Supply                      | DC 5V 1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Consumption(Maximum)        | 3.3W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Device Dimension (W x H x D)      | 220mm x 21mm x 100.2mm/8.66" x 0.83" x 3.94"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Weight                    | 0.48kg/1.06lb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |