



The MX2-16x16-HDMI20 is a member of the Lightware HDMI 2.0 standalone matrix switcher family supporting uncompromised 4K UHD resolution at 60Hz 4:4:4.

It has an outstanding port density that makes it particularly suitable for rental and fix install applications, as well as for future-proof operation centers. It is a perfect choice for installations where at most 16 HDMI 2.0 compliant input and output ports are required.

This standalone product has 16 HDMI 2.0 inputs and 16 HDMI 2.0 outputs transmitting up to 4K at 60Hz in 4:4:4 format, while supporting 3D, Dolby TrueHD and DTS-HD Master Audio.

Highlight features

- HDMI 2.0, HDMI1.x and DVI 1.0 compliant
- Supports conversion from 4K UHD at 60Hz 4:4:4 to 4K UHD at 60 Hz YCbCr 4:2:2
- 4K@60Hz with RGB 4:4:4 color space, 18 Gbps bandwidth
- HDCP 2.2 and HDCP 1.4 compliant with cross conversion capabilities
- Fully non-blocking switching architecture with zero frame delay
- Pixel Accurate Reclocking on each input
- Advanced EDID Management
- Built-in website
- RS-232, Ethernet and USB control options
- LCD, push buttons and rotary switch for front panel control
- Front to back cooling airflow
- HDR10 and Dolby Vision support
- Optional redundant power supply with 1:1 redundancy

Specification*

| | |
|-------------------|--|
| Routing | 16 input to 16 output, non-blocking architecture |
| Speed | 18 Gbps per port |
| Resolution | Up to 4096x2160@60Hz at RGB or YCbCr 4:4:4 (up to 600MHz pixel clock) |
| Height | 3RU |
| Mounting | Rack mountable, removable rack ears |
| Connectors | |
| Power | IEC standard, 110/220V (one for normal build, two for optional redundancy) |
| Video inputs | 19-pole HDMI 2.0 |
| Video outputs | 19-pole HDMI 2.0 |
| Serial control | 3-pole Phoenix |
| Ethernet | RJ45 |
| USB | Mini USB B |

* Specifications are subject to change without notice