



## DA3-24-H

2:4 4K HDR HDMI DA

| HDMI | HDCP Compliant | 4K/60 UHD (4:4:4)  
| 4K HDR



DA3-24-H is a premium 2x1:4 switcher and distribution amplifier for up to 4K HDR, video signals that comply with HDCP 2.2 content protection standard. The unit switches between one of two inputs HDMI or USB-C, equalizes and re-clocks the selected signal and distributes it to four identical outputs

### FEATURES

**Max. Resolution** - 4K@60Hz (4:4:4)

**Intelligent EDID Handling** - Use connected display EDID or default EDID, with EDID lock and RGB-force options, to ensure proper operation of HDMI source and display systems

**Smart Output Scaling** - Automatically downscales 4K sources to 1080p for displays that do not support 4K, ensuring compatibility and optimal viewing on all connected screens

**Force RGB** - When the display lacks YCbCr capabilities, the user can force native delivery of the RGB color format in HDMI content to improve picture quality

**Selectable HDCP Authorization** - Allows the user to control the appearance of an HDCP or non-HDCP input to the source to permit delivery of protection-free content, such as personal clips and charts, without HDCP encryption. HDCP protected content is not passed in non-HDCP mode

- Sophisticated CEC mediator with flexible routing options
- Analog audio output - de-embedded from the HDMI/USB-C input signal
- RS-232 port may be configured to control external devices

**Easy Installation** - 1' enclosure for over-ceiling mounting, or side-by-side rack mounting



## TECHNICAL SPECIFICATIONS

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|                                              |                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------|
| Inputs                                       | 1 HDMI: On a female HDMI connector                                                |
|                                              | 1 USB-C: On USB type-C female connector                                           |
| Outputs                                      | 4 HDMI: On female HDMI connectors                                                 |
|                                              | 1 HDMI local: On a female HDMI connector                                          |
| Ports                                        | 1 1000BaseT Ethernet: On an RJ-45 female connector for LAN connection & extension |
|                                              | Analog Audio: On a 5-pin R-L analog audio output                                  |
|                                              | IO: On 2-pin terminal block connectors                                            |
|                                              | 2 RS-232: On 3-pin terminal block connectors                                      |
| Video                                        | Max Bandwidth: 18Gbps (6Gbps per graphic channel)                                 |
|                                              | Max Resolution: 4K@60Hz 4:4:4 24bpp resolution                                    |
|                                              | Content Protection: HDCP 2.3                                                      |
|                                              | Compliance: HDMI 2.0b                                                             |
| Security                                     | Web-UI Communication: HTTPS                                                       |
|                                              | User Access: Multiple roles and credentials                                       |
|                                              | IT LAN Authentication: 802.1x                                                     |
|                                              | Penetration Protection Certification: OWASP-10                                    |
| Power                                        | Source: 20 VDC                                                                    |
|                                              | Max Consumption: 76W                                                              |
|                                              | Max Power Providing Per HDMI Port: 2.5W (5V@0.5A)                                 |
| Environmental Conditions                     | Operating Temperature: 0° to +40°C (32° to 104°F)                                 |
|                                              | Storage Temperature: -40° to +70°C (-40° to 158°F)                                |
|                                              | Humidity: 10% to 90%, RHL non-condensing                                          |
| Regulatory Compliance (Standards Compliance) | Safety: CE, FCC, UL                                                               |
|                                              | Environmental: RoHs, WEEE                                                         |
| Enclosure                                    | Type: Half-U 19"                                                                  |
|                                              | Type: Aluminum                                                                    |
|                                              | Cooling: Low noise fan                                                            |
| Accessories                                  | Power Adapter Included                                                            |
| Product Dimensions                           | 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H                       |
| Product Weight                               | 0.8kg (1.8lbs) approx                                                             |

Shipping Dimensions 32.70cm x 20.90cm x 7.20cm (12.87" x 8.23" x 2.83" ) W, D, H

Shipping Weight 1.7kg (3.8lbs) approx

