DA3-18-H

1:8 4K HDR HDMI DA

| HDMI | Ethernet - RJ-45 | HDCP Compliant | 4K/60 UHD (4:4:4) | 4K HDR



DA3−18−H is a 1:8 distribution amplifier for up to 4K HDR, HDMI signals that comply with HDCP 2.3 content protection standard. The unit takes one HDMI input, equalizes and re−clocks the signal and distributes it to eight identical outputs

FEATURES

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

Intelligent EDID Handling - Use connected display EDID, an uploaded EDID or a default EDID, with 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 - The user can force native delivery of the HDMI content in RGB color format to improve picture quality or when the display lacks YCbCr capabilities

Selectable HDCP Authorization - Allows the user to control whether the input supports HDCP encryption. HDCP protected content is not passed in non–HDCP mode

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

- Sophisticated CEC mediator with flexible routing options with an ability to control each output individually
- Independent CEC on/off per each output
- Integrated gateway for RS−232 and CEC commands originated from any controller

Easy Installation - Compact half−19” 1RU enclosure, suitable for over–ceiling mounting, or side–by–side rack mounting

TECHNICAL SPECIFICATIONS

INPUT:	1 HDMI connector
OUTPUTS:	8 HDMI connectors
PORT:	1 1000BaseT Ethernet
	2 RS-232
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: 12 VDC
	Max Consumption: 18W
ENVIRONEMENTAL 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:	Safety: CE, FCC, UL
	Environmental: RoHs, WEEE
ENCLOSURE:	Type: Aluminum
	Cooling: Passive
	Max Fan Noise: none
PHYSICAL	Product Dimensions: 21.46cm x 16.3cm x 4.36cm (8.4" x 6.4 x 1.7") W,D,H
	Package Dimension: 39.4cm x 29.6cm x 9.1cm (15.5" x 11.6 x 3.5") W,D,H
	Product Weight: 1.29(2.8lbs) approx
Accessories	2 Power cords and 1 adapter
Product Dimensions	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72") W, D, H
Product Weight	1.3kg (2.8lbs) approx
Shipping Dimensions	39.40cm x 29.60cm x 9.10cm (15.51" x 11.65" x 3.58") W, D, H
Shipping Weight	1.8kg (4.1lbs) approx


HDMI

CONFIGURATIONS

DA3-18-H	1:8 4K HDR HDMI Distribution Amplifier

