

HDMI 2.0A 4K60 18Gbps 1x2 & 1x4 Splitters with Down-Scaling



The DXE-122A-DS 1x2 HDMI and DXE-142A-DS HDMI 2.0A 4K Splitters with Down-Scaling and Auto EDID Management provides one of the most advanced HDMI splitter solutions by which the Ultra High Definition video and high-quality audio can be transmitted to multiple locations without losing quality. The DXE-122A-DS and DXE-142A-DS support all 3D formats and true 4K2K video. EDID management can be one of the most important capabilities to a splitter. Taking it one step further, Aurora has added the ability to customize EDID for complete EDID emulation. This allows full control over the source and what it will be allowed to do.

The DXE splitters have firmware upgrade capability via the USB port ensures compatibility now and in the future. With 48bit deep color video and high definition audio support, the DXE-122A-DS and DXE-142A-DS are suitable for high quality HDMI broadcasting, conference room, digital signage and education applications.

Features:

- Supports HDMI 2.0A Deep Color and 3D/DVI 1.0 Compliant
- HDCP 1.4/2.3 Compliant
- Wide Frequency Range: 25MHz~600MHz
- Video Bandwidth: 18Gbps
- Resolution up to 4K60Hz 4:4:4 with Auto Down-Scaling to 1080p
- Auto EDID Management
- EDID Emulation and Customizable EDID
- Supports xvYCC, x.v. Color and Deep Color
- Mini-USB Port for Firmware Updating and EDID Setup
- Supports Dolby® Digital, DTS-HD and Dolby® TrueHD Audio
- HDMI and Power Connectors on Same Side for Easy Installation
- Ultra-Low Profile to Fit Behind Displays
- CEC Pass-Through



Technical Specifications:

Model Name	DXE-122A-DS/DXE-142A-DS
Technical	
HDMI/DVI Compliance	HDMI 2.0A Deep Color, full 3D & 4K2K/ DVI 1.0
HDCP Compliance	HDCP 1.4/2.3
Video Bandwidth	Single-link 600MHz [18Gbps]
Video Support	Up to 4K2K @60
CEC	Supported
Scaling	Downscaling 4K to 1080p
HDMI Output Distance	1080p 12bit up to 20m,4K60 4:2:0 up to 15m, 4K60 4:4:4 up to 5m *Note: Cable quality may impact distance.
Audio Support	DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM
Firmware Update	Mini-USB port
Input	1x HDMI
Output	2x HDMI (DXE-122A-DS)/4x HDMI (DXE-142A-DS)
EDID	4 Pin Dip Switch with preconfigured EDID
Mechanical	
Housing	Metal Enclosure
Dimensions [L x W x H]	DXE-12H-4K: 96 x 70.4 x 17.6mm (3.94"x2.76"x0.433") DXE-14H-4K:142 x 70.7 x 17.6mm (5.59"x2.76"x0.433")
Weight	DXE-12H-4K: 185g (6.53oz) DXE-14H-4K: 260g (9.17oz)
Power supply	5V 1A DC
Power consumption	1.5 Watts (122A) 2.6 Watts (124A) [max]
Operation temperature	-10~55°C
Storage temperature	-20~70°C [-4~158°F]
Relative humidity	10~90% RH [no condensation]

Note: Specifications subject to change without notice.

Important: Read User Guide for full specifications.