DXE-122A/DXE142A

HDMI 2.0A 4K60 18Gbps 1x2 & 1x4 Splitters

Features

◆ Supports HDMI 2.0A Deep Color & 3D / DVI 1.0 compliant

◆ HDCP 1.4/2.2 compliant

◆ Wide frequency range: 25MHz~600MHz

◆ Video bandwidth: 18Gbps

◆ Resolution up to 4K2K @ 60Hz

◆ Auto EDID Management

◆ EDID Emulation & Customizable EDID

◆ Supports xvYCC, x.v.Color & Deep Color

◆ Mini-USB port for firmware updating & EDID setup

◆ Supports Dolby Digital, DTS-HD and Dolby TrueHD audio

◆ HDMI & Power Connectors on same side for easy installation

◆ Ultra-low profile to fit behind displays

The DXE-122A 1x2 HDMI and DXE-142A HDMI 2.0A 4K Splitters with 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 and DXE-142A 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 and DXE-142A are suitable for high quality HDMI broadcasting, conference room, digital signage and education applications.

Technical Specifications

Model Name		DXE-122A/DXE-142A
Technical		
HDMI/DVI compliance		HDMI 2.0A Deep Color, full 3D & 4K2K/ DVI 1.0
HDCP compliance		HDCP 1.4/2.2
Video bandwidth		Single-link 600MHz [18Gbps]
Video support		Up to 4K2K @60
HDMI Output Distance		720p 12bit up to 20m, 1080i 12bit up to 20m, 1080p 12bit up to 15m, 4K up to 7.5m (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)/ 4x HDMI (DXE-142A)
EDID		Auto Management
Mechanical		
Housing		Metal enclosure
Dimensions [L x W x H]	DXE-122A	100 x 70 x 11mm (3.94"x2.76"x0.433")
	DXE-142A	150 x 70 x 11mm (5.91"x2.76"x0.433")
Weight	DXE-122A	0.08kg (2.82oz)
	DXE-142A	0.12kg (4.23oz)
Mounting		Attachable ears
Power supply		5V 1A DC
Power consumption		3.6 Watts [max]
Operation temperature		0~55°C
Storage temperature		-20~60°C [-4~140°F]
Relative humidity		10~90% RH [no condensation]

Note: Specifications subject to change without notice.

Important: Read User Guide for full specification.