

## 2 Input 8 Output Splitter with Downscaling and PoE



The DXE-218 is the first ever 8 port 4K60 4:4:4 HDMI® PoE Splitter with downscaling per individual output. The unit delivers enhanced capabilities such as individual CEC control, EDID management, Hot Plug Detection, and EDID reporting per output. This is all done through the LAN port for full control and statistics of all ports.

In addition, the downscaling per port allows 1080p screens to be utilized on the same splitter with a 4K60 source. To round out the solution, the DXE-218 has 2 input ports to select from to change content remotely. The PoE simplifies cabling by eliminating all external power supplies.

Depending on the network switch, the DXE-218 can even be power controlled remotely. The DXE-218 is the perfect solution for any HDMI® distribution providing the best in remote support, control, and capability.

### Features:

- 2 HDMI® inputs
- 8 HDMI® outputs
- 4K2K @ 60Hz 4:4:4
- Per port downscaling to 1080p
- 10/100 PoE (Power over Ethernet)
- CEC control per port
- EDID management
- Hot plug detection
- EDID reporting
- Front LED status display
- Remote IP Firmware Update
- Custom EDID Management

### Accessories:

#### Cables

- CA-HDMI 18Gbps Colored Cable Series

## Application Example:

### Retail Store Display Distribution

The DXE-218 is the perfect fit for HDMI distribution of the same signal up to 8 displays or more if daisy chained together. The integrated per port downscaling allows for compatibility with lower cost 1080p displays that normally cannot handle a 4K signal. This saves money by eliminating the need for external scalers.

Retail stores typically display the same content on several screens for consumers to compare the difference between the brands and models. These screens do not always have the same resolution capabilities. The DXE-218 creates the compatibility with one 4K source.

The ability to do CEC control per port allows the DXE-218 to control the on/off and source inputs independently on each screen. This can all be done remotely. This feature assures all the screens are on when they should be and off when the store is closed as saving power and screen life is important.

Remote diagnostics is important too. The DXE-218 through the LAN can report what ports are connected and read back the EDID of each screen to know what display is connected.

A clean install for serviceability is a must. PoE eliminates all external power supplies and even allows for remote power cycling of the DXE-218. The DXE-218 is firmware upgradeable through the LAN and it has a simple method for changing the IP address when units are swapped, especially when more than one is connected.

The DXE-218 is the ultimate 8 port splitter advancing the technology to the next level.

### Technical Specifications:

Model Name	SKU
<b>Technical</b>	
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
Downscaling	Automatic and Independent per port 4K to 1080p
Audio support	DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM
Firmware update	Mini-USB port
Input	2x HDMI 2.0A
Output	8x HDMI 2.0A
EDID	Auto Management & Custom
LAN	10/100Mbps PoE RJ-45
<b>Mechanical</b>	
Housing	Metal enclosure
Dimensions [L x W x H]	317.7 x 84.7 x 30mm (12.51" x 3.33" x 1.18")
Weight	784g (1.73 lbs.)
Mounting	Wall/Desk Mount Ears
Power supply	12V 2A DC
Power consumption	8.64 Watts
Operation temperature	0-40°C [32-104°F]
Storage temperature	-20-60°C [-4-140°F]
Relative humidity	20-90% RH [no condensation]
Package Contents	1x DXE-218

*Note: Specifications subject to change without notice.*