DVP451 All-in-One MultiViewer
4x1, 4K60 4:4:4 or 5K Video Processor

4K60 or 5K inputs and output
PIP of 4 different live inputs
Unlimited scaling
Static background image
Extra PIP of Internal Media Player
Web page and IP camera display
Remote web based control

Intelligent Video Processor/Viewer

DVP451 is a 4x1 HDMI Video Processor and Multiviewer to support higher input and output resolutions (4K@60 4:4:4 or 5K) of multiple sources on a single screen. This all-in-one DEXON device can accept 4 HDMI inputs and visualize them in real time. The standard features of our devices like scaling, video effects and OSD are available of course. Additionally the product contains an internal processor with unique services to work as media player or web browser or display multiple IP camera streams and vnc sources.

Main Features

The DVP451 is an all-in-one video processor and multiviewer with the following features:

- 4x1 HDMI viewer to display 4x HDMI inputs, PIP4
- True 4K60 4:4:4 or 5K input and output resolution
- High quality scaling up or scaling down of input signals
- Attractive transition effects, cross fade switching
- Internal graphics processor driving extra PIP layer
  - displaying internal media player content
  - decoding/display of multiple IP cameras
  - displaying multiple web pages from Internet

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Main Features

Input Signals

- Digital HDMI with HDCP
- L, R audio
- IP stream H.264, H.265, MJPEG, NDI

Input Signal Specification

HDMI 2.0, YUV 4:4:4, 4:2:2, 4:2:0
HDCP 2.3, 640x480-4K60Hz or 5K30Hz

Output Signals

- HDMI with HDCP
- L, R audio

Output Signal Specification

HDMI 2.0, YUV 4:4:4, 4:2:2
HDCP 2.3, 640x480-4K60Hz or 5K30Hz

Audio Handling

R, L analogue audio inputs and outputs
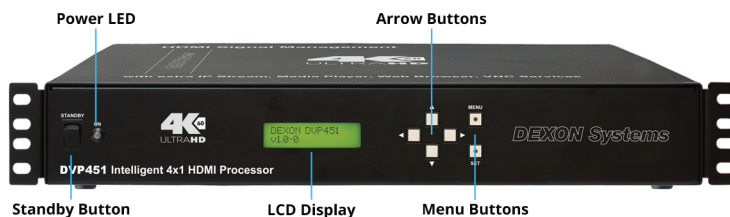Audio embedding and de-embedding

Setup and Configuration

- Easy-to-use setup through push buttons and LCD panel
- LAN connection for remote setup
- Web page based remote setup and control
- Easy-to-use graphics user interface
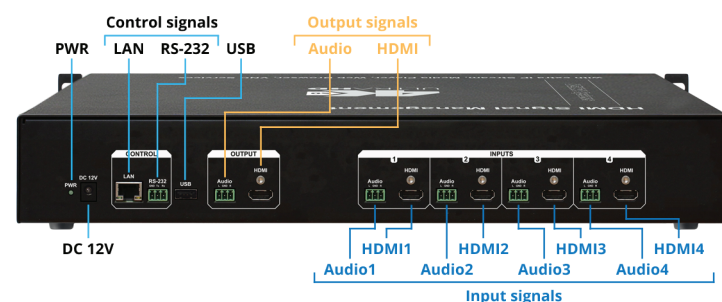- LAN or RS-232C based remote control

Application

System Architecture

DVP451 Front Panel

Power LED · Arrow Buttons · Standby Button · LCD Display · Menu Buttons

DVP451 Intelligent 4x1 HDMI Processor

DVP451 Back Panel

Control signals: LAN, RS-232, USB · PWR · Output signals: Audio, HDMI · DC 12V · INPUTS · HDMI1, HDMI2, HDMI3, HDMI4 · Audio1, Audio2, Audio3, Audio4 · Input signals
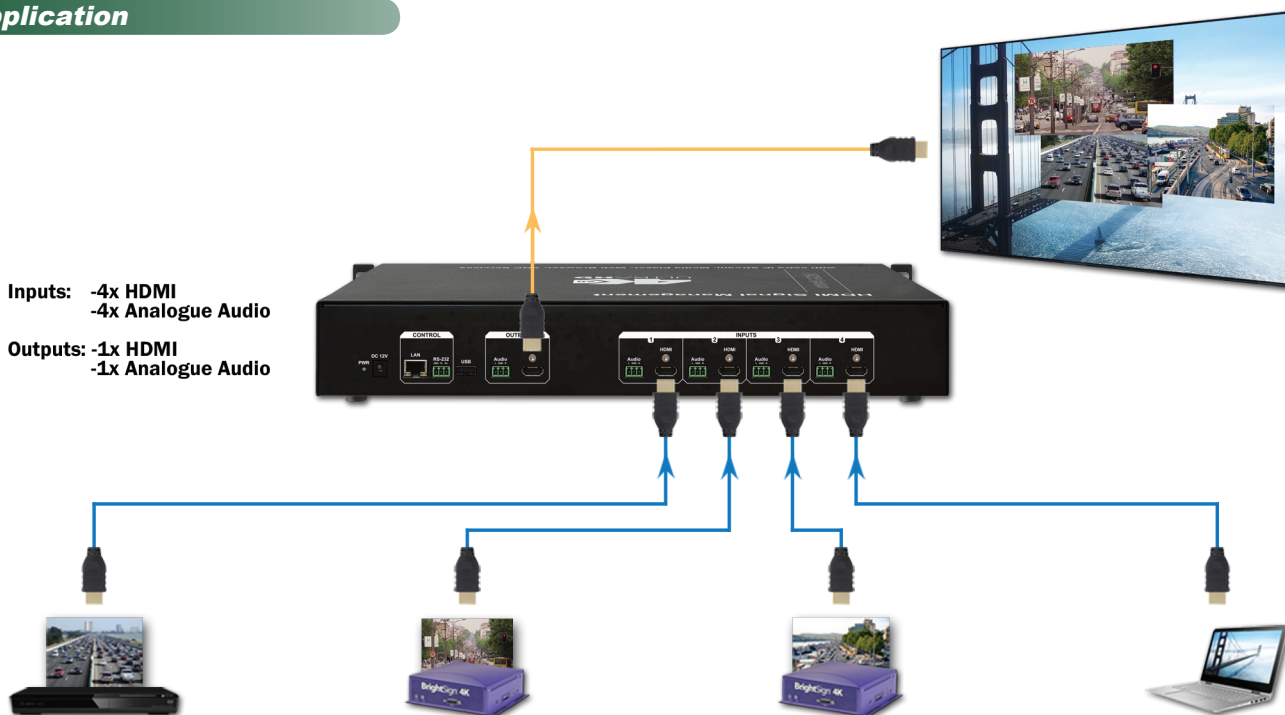
General

- 19" rack-mountable enclosure
- Dimensions: 435 x 299 x 66 (mm)
- Power consumption: 50W
- Weight: 2.5kg

Inputs: -4x HDMI
-4x Analogue Audio

Outputs: -1x HDMI
-1x Analogue Audio

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