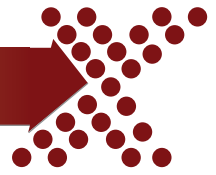


DVP818K Video Processor

DEXON's 4K60 Video Processor, 8x8



4K60 inputs and outputs
Up- and down-scaling
Integrated Media Player
Display multiple IP cameras
VNC PC input source visualisation
Controls 8-screen video wall surface

Video Processor

DVP818K provides high quality, intelligent video processors to handle 8 inputs and control 8 output signals in demanding AV projects. The standalone units accept HDMI input signals, scale them to the desired resolution and map them to the required position over the video wall. Professional scaling make the product an essential part of AV projects where different input signals must be presented on a video wall surface.

Additionally the product contains an internal processor with unique services as displaying multiple IP camera streams, work as media player, web browser and vnc PC input source visualizer. They serve boardroom, show room, LED wall, reception, digital signage or conference room applications.

Main Features

DVP818K video processor solution provided by a standalone box with the following features:

- Supports 8x HDMI inputs, up to 4K60 4:4:4 resolution
- Drives 8x HDMI 4K60 4:4:4 outputs
- High quality scaling up or scaling down of input signals
- Attractive fade transition effects
- Integrated media player to display local or remote, live video contents
- Full HDCP support for input and output connections
- OSD and window frame
- Embedded and separate analogue audio switching
- RS-232C and RJ45 LAN connectors for remote control
- HTML5 based, easy-to-use graphics user interface for configuration, layout management and scenario handling

DEXON Systems Ltd.

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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 - 3840x2160 60Hz

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 - 3840x2160 60Hz

Audio Handling

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

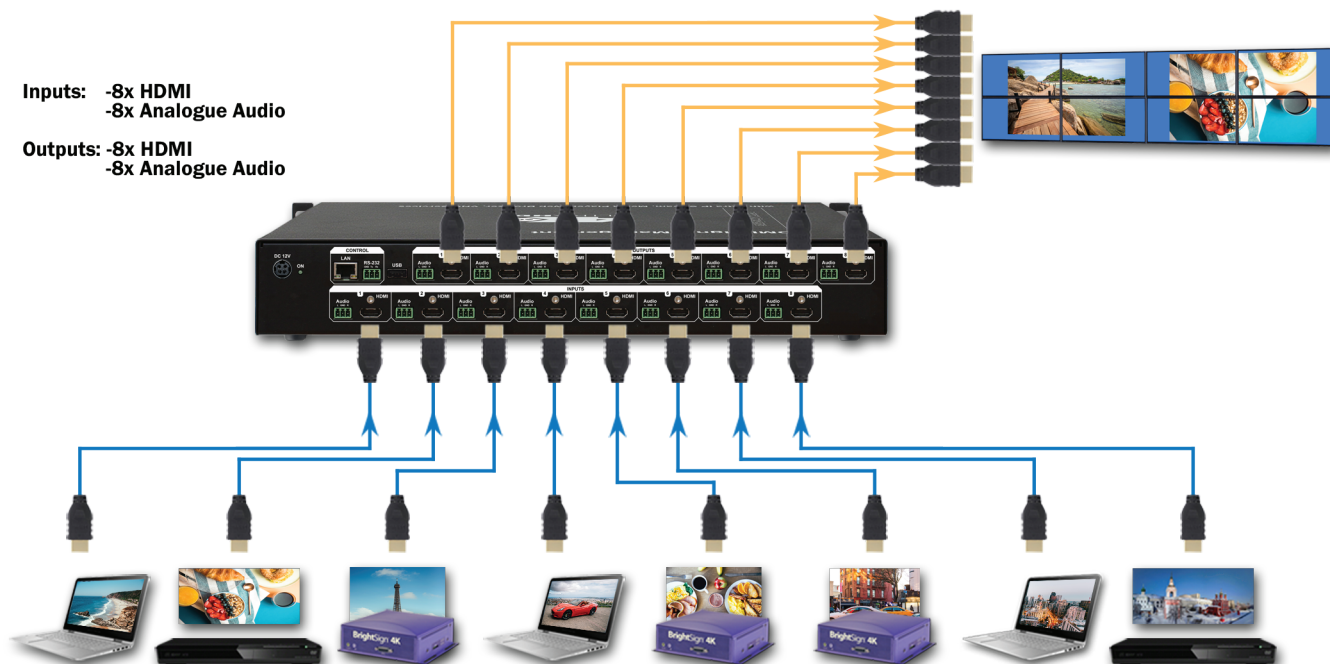
Setup and Configuration

- Easy-to-use setup through push buttons and LCD panel
- LAN connection for remote setup
- RS-232C control

Application

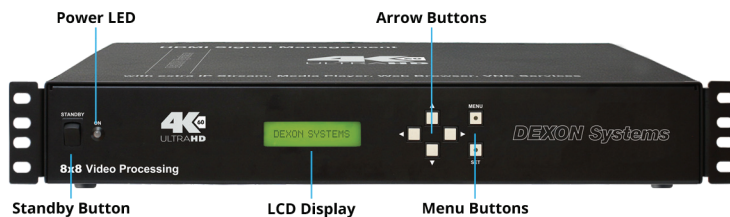
Inputs: -8x HDMI
-8x Analogue Audio

Outputs: -8x HDMI
-8x Analogue Audio

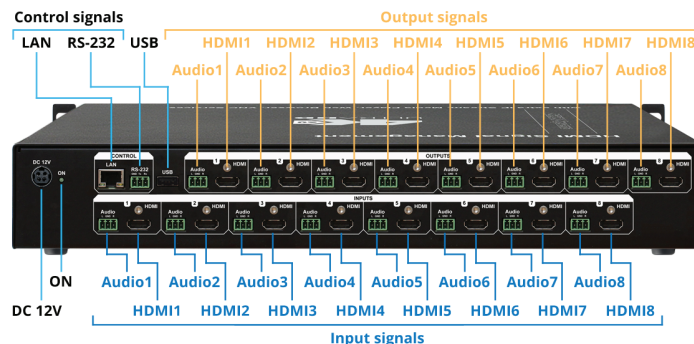


System Architecture

DVP818K Front Panel



DVP818K Back Panel



General

- 19" rack-mountable enclosure
- Dimensions: 435 x 299 x 66 (mm)
- Power consumption: 109W
- Weight: 2.5kg

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