DIVIP804KC Video Processor
DEXON's 8x4 4K Intelligent Video Processors

4K UHD

- ☑ **Handles 4K HDMI inputs**
- ☑ **Controls 4-screen video wall surface, made of 4K monitors**
- ☑ **Input sources can be visualized in any position of the video wall**
- ☑ **Up- and down-scaling**

- ☑ **Format and frame-rate conversion**
- ☑ **Seamless switching and transition effects**
- ☑ **Control and configuration through LAN**
- ☑ **HDCP Compatibility**

Intelligent Processor

DEXON Systems® provide high quality, intelligent video processors to handle 8 inputs and control 4 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 and format conversion make the product an essential part of AV projects where different input signals must be presented on a video wall surface. Advanced signal processing provides the highest quality and crystal clear video picture without loss of frames. Intuitive services as individual arrangements of windows and PIP ensure easy integration. Easy-to-use configuration and control can be performed locally through push buttons or remotely through LAN connection.

Control and Configuration

The DIVIP804KC intelligent video processor is an all-in-one solution provided by a standalone box with the following features:

- 4K inputs, 4K outputs
- High quality scaling up or scaling down of input signals
- Arbitrary arrangements and scaling of video inputs on the video wall surface
- Internal media player
- Seamless switching, Fade and Wipe transition effects
- Full HDCP support for input signals and output connections
- Embedded and separate audio switching
- Easy-to-use graphics user interface for configuration and control through notebooks via LAN connection

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Main Features

Input Signals

- Digital HDMI with HDCP
- L, R audio

Input Signal Specification

HDMI 1.4, YUV 4:4:4, 4:2:2, HDCP 2.2
from 640x480 to 3840x2160 30Hz

Output Signals

- HDMI with HDCP
- L, R audio
- HDBaseT (mirrored to HDMI outputs)

Output Signal Specification

HDMI 1.4, YUV 4:4:4, 4:2:2, HDCP 2.2
from 640x480 to 3840x2160 30Hz
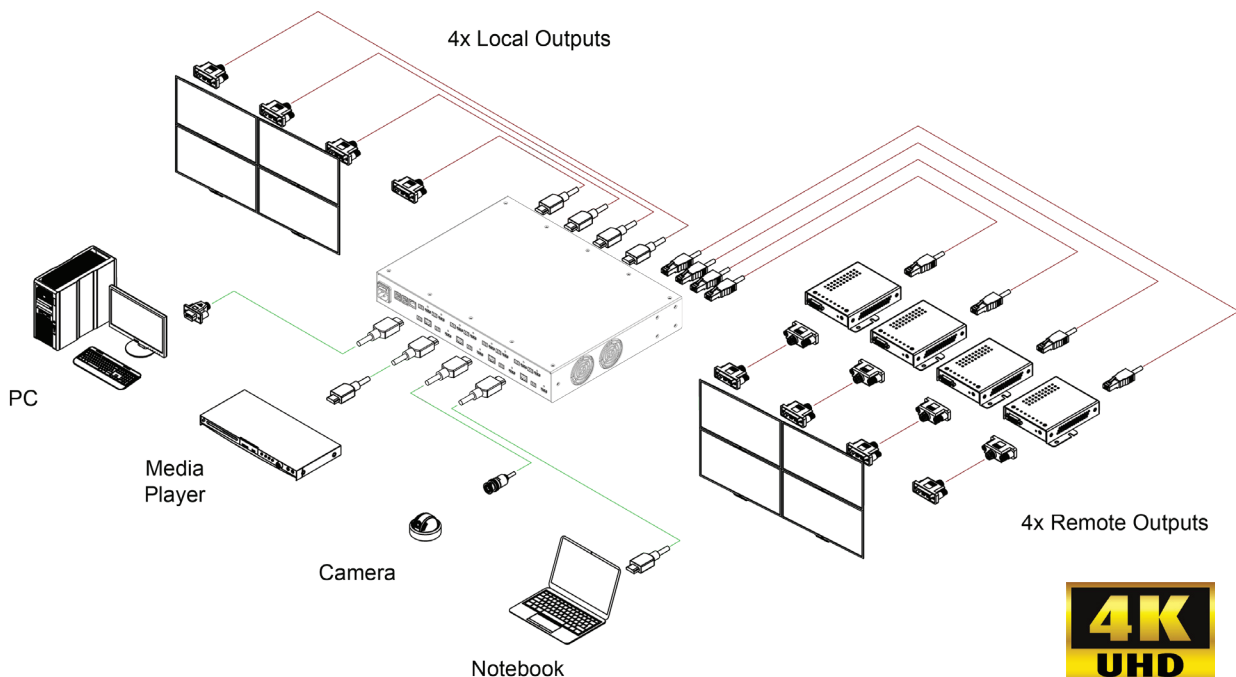HDBaseT signal (Cat5/6 cable)

Audio Handling

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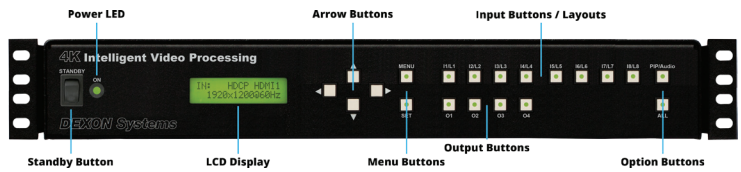
Setup and Configuration

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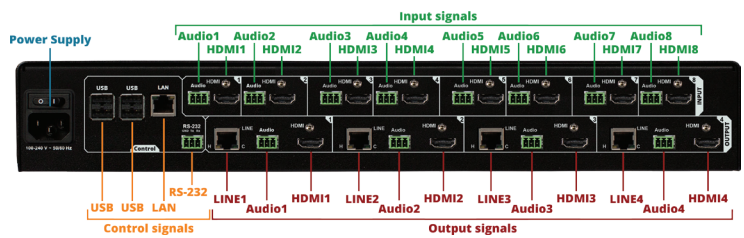- LAN connection for remote setup
- RS-232C control

Application

System Architecture

DIVIP804KC Front Panel

DIVIP804KC Back Panel

General

- Dimensions: 435 x 325 x 66 (mm)
- 19" rack-mountable enclosure

Models

	Input signals	Output signals
DIVIP804KC	8x HDMI with HDCP 8x Audio	4x HDMI with HDCP 4x RJ45: HDBaseT 4x Audio

4x Local Outputs

PC

Media Player

Camera

Notebook

4x Remote Outputs

4K UHD

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