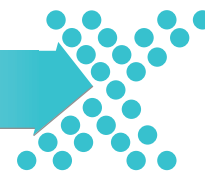


# ***DNET-VoE SDVoE-Compliant Sender-Receiver Pair***

**4K60 All-In-One AV over IP solution**



**4K<sup>60</sup>**  
**ULTRA HD**



***3840x2160@60Hz 4:4:4 pixels resolution***

***Zero latency genlocked or seamless switching***

***Video Wall or Multi viewer capability up to PIP20***

***Up or down scaling in real time***

***HDMI and USB HID over CAT or fiber cables***

## ***DNET Infrastructure***

These transmitters and receivers create SDVoE-Compliant, All-In-One AV over IP solution. They provide highest-quality, uncompressed and zero-frame latency audio/video transfer up to 4K over a standard IGMPv2 10G Copper or Fiber Network Switch. They offer instant switching, Video Wall and Multi View functions. They transfer advanced HDMI content such as HDR (high dynamic range), full color-depth and multichannel HD Bitstream audio. Its built-in Secondary Stream supports a high quality and bandwidth optimized compressed video stream for supporting Multi Viewer functionality. Multiple control and data signals can be transmitted along with audio and video signals simultaneously, including RS-232 and USB HID.

## ***Main Features***

- Matrix switcher or video processor
- Real time operation
- Professional up or down scaling
- Attractive seamless switching
- HDCP and DDC management
- KVM function

## ***System components***

- Input module: DNET-VoES
- Output module: DNET-VoER
- Control box: DNET-VCON
- Matrix: IGMPv2 10G copper or fiber

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# Main Features

## DNET-VoES - Input Connector

- USB-C or HDMI signals, from 640x480 up to 4096x2160@60Hz resolution
- USB HID
- 1G Ethernet
- RS-232

## DNET-VoES - Input Signal

HDMI 2.0 with HDCP 2.3 specification

## DNET-VoES - Output Signals

- 10G Ethernet PoE
- Fiber Optic
- HDMI Loopback output

## Audio Handling

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

## Control

- LAN connection for remote setup
- Web page based remote setup and control
- Easy-to-use graphics user interface

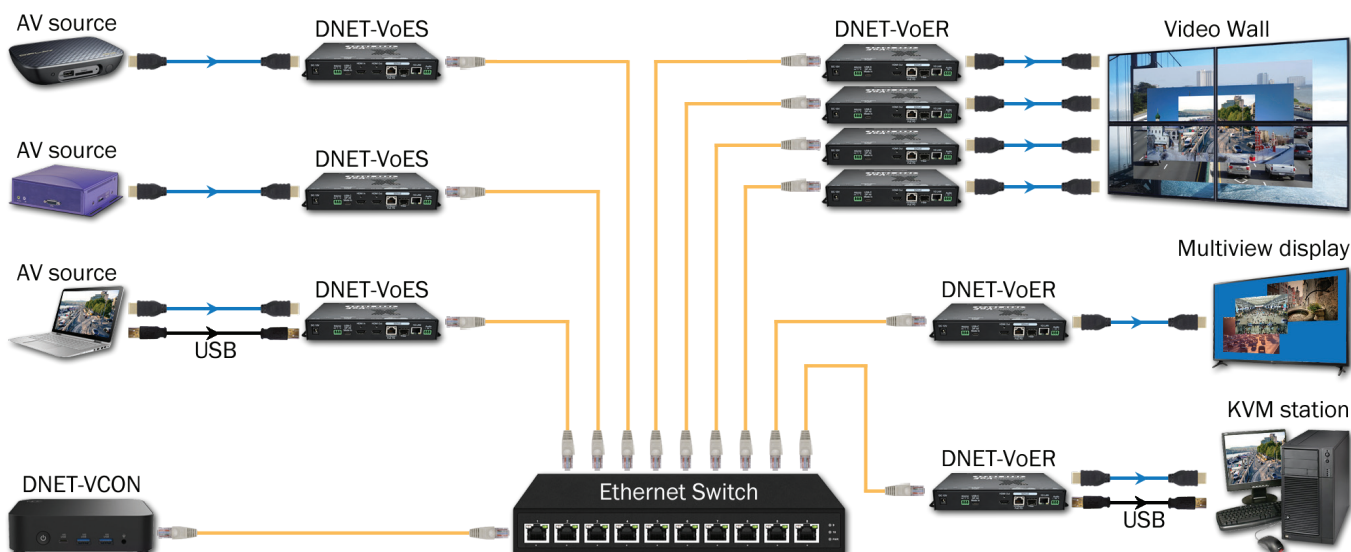
## Environment

- Operating temperature 5 - 40 degrees
- Operating humidity 10 – 90%

## Size of boxes

- 146(w) x 29.5(h) x 134.6(d) mm
- 5.8" x 1.2" x 5.3"

## Application



## DNET-VoER - Input Signals

- 10G Ethernet PoE
- Fiber Optic

## DNET-VoER - Output Connector

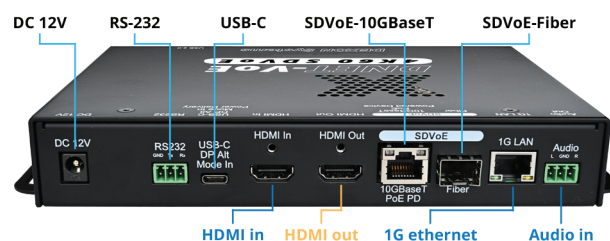
- USB-C or HDMI signals, from 640x480 up to 4096x2160@60Hz resolution
- USB HID
- RS-232

## DNET-VoER - Output Signal

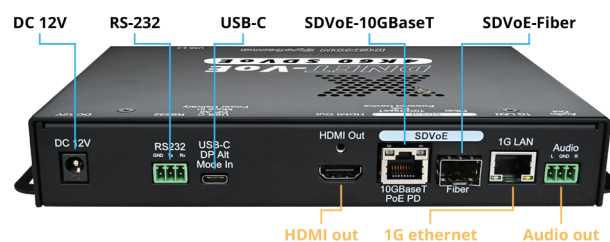
HDMI 2.0 with HDCP 2.3 specification

## System Architecture

### DNET-VoES



### DNET-VoER



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