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*Your Reliable Partner*

Mini Product Line Introduction

# AV over IP

# What is
# AV over IP

**AV over IP** is the **real-time distribution of audio, video**, and other signals, such as device control, **over local (LAN) or wide (WAN) area networks**.

AV over IP is widely used for point-to-point video transmission, remote monitoring, and control, and distributing video to networked digital signage and video walls. The building blocks of an AV over IP system are source encoders, video decoders, and Ethernet switch units which enable video to be routed to the required destination.

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# How do I control
# **AV over IP**



**OIP-D50C**

A controller enables the user to switch any input to any individual encoder, a group of encoders, or all encoders on the network. This is vital in digital signage installations or with multi-display video walls.

Lumens OIP controller works in conjunction with OIP encoders and decoders. With a visual browser-based interface, it is very easy to manage multiple encoders and decoders, and even deploy remote KVM capabilities (with the OIP-D50 series).

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# AV over IP
# **Rack-mounted Frame**

**Go to Accessories Compatible List**



Ideal for control rooms, OIP-AC01 is a **6U rack-mount chassis** for Lumens AV over IP encoders, decoders and controllers.

**A maximum of 15 OIP devices can be installed in a chassis.**

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# AVoIP Family

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| | OIP-D50E/D | OIP-D40E/D | OIP-D50C | | |
|---|---|---|---|---|---|
| Network Bandwidth | 1Gbps | 1Gbps | 100Mbps | | |
| Max Resolution | 4K30 4:4:4 | 1080p60 4:4:4 | NA | | |
| Latency | 1-2 frames | 1-2 frames | NA | | |
| Video Output | HDMI / VGA | HDMI | HDMI | | |
| Video Input | HDMI / VGA | HDMI | ✕ | | |
| PoE | PoE | NA | PoE | | |
| Ethernet Port | 3 Ports | 1 Port | 1 Port | | |
| Audio over IP | Stereo in/out | Stereo in/out | NA | | |
| Control over IP | IR / RS232 | IR / RS232 | IR / RS232 | | |
| KVM over IP | ✔ | ✕ | ✔ | | |