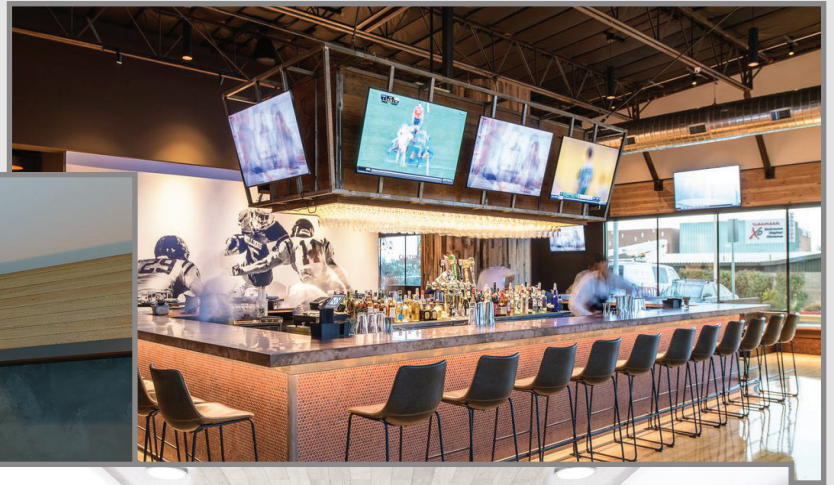


Zenty



AV over IP

SDVoE™

JPEG
2000

H.264
MPEG-4/AVC

What is AV-over-IP

AV over IP is the transmission of audio-visual data over a network, for example, WAN, LAN or the internet. In comparison to conventional analog AV environments, AV over IP refers to the use of standard network equipment to switch and transmit video and audio signals.

What is the feature of AV over IP in the professional AV industry

Gradually in time, the replacement of analog AV infrastructures with IP-based infrastructures will increase. For some people, the idea of using IP AV technology is a fairly new concept whereas others, it is a 'normal' territory.



ZT-IP600

- Fully lossless 4K@60Hz 4:4:4 and HDR-10 over a 10GbE Network; powered by SDVoE Technology
- Powerful matrix can support nontraditional matrix inputs and outputs (limited by your 10GbE capabilities)
- Seamless switching (less than .1 seconds)
- GenLock technology allows for zero latency
- Uncompromised video scaling
- Video wall capable (up to 8x8), with bezel correction
- Audio supports up to Dolby TrueHD and DTS-HD Master Audio
- Line level outputs on encoders and decoders, with audio routing available
- Bidirectional IR and RS-232 communication
- Auxiliary 1GbE network channel to allow a network connection to attached devices
- Built in EDID management
- Free Zenty iPad App to control the system, and compatible with 3rd party drivers



ZT-IP300

- The most cost-efficient 4K AV over IP solution. Deliver 4K HDR content over a 1GbE network with minimal latency at an affordable price
- Plug-and-play modular PoE devices make scaling to large deployments simple
- IP300 Series combines value with features that include 16x16 video wall functionality, 4K/2K scaling, DTS:X and Dolby Atmos audio support and independent audio routing
- CEC One-Touch Play/Standby
- Bidirectional RS-232 capability
- Free Z-Net iPad control app that enables access and control of entire system with live video previews of all sources and destinations



ZT-IP200

- The most economic AV over IP solution with H264 codec and 1080P resolution over 1Gb network.
- PoE features for both decoder and encoder. Also, the plug and play function makes the system scales easily.
- IP200 Series combines value with features that include 10x10 video wall, multi-viewer or pip on a single screen.
- CEC control commands embedded into the system. A simple touch can turn on/off the displays.
- Fully RS232 control supported with major third-party control systems.
- Free Z-Net iPad control app that enables access and control of the entire system with live video previews of all sources and destinations


ZT-IP600, ZT-IP300, ZT-IP200

Specifications

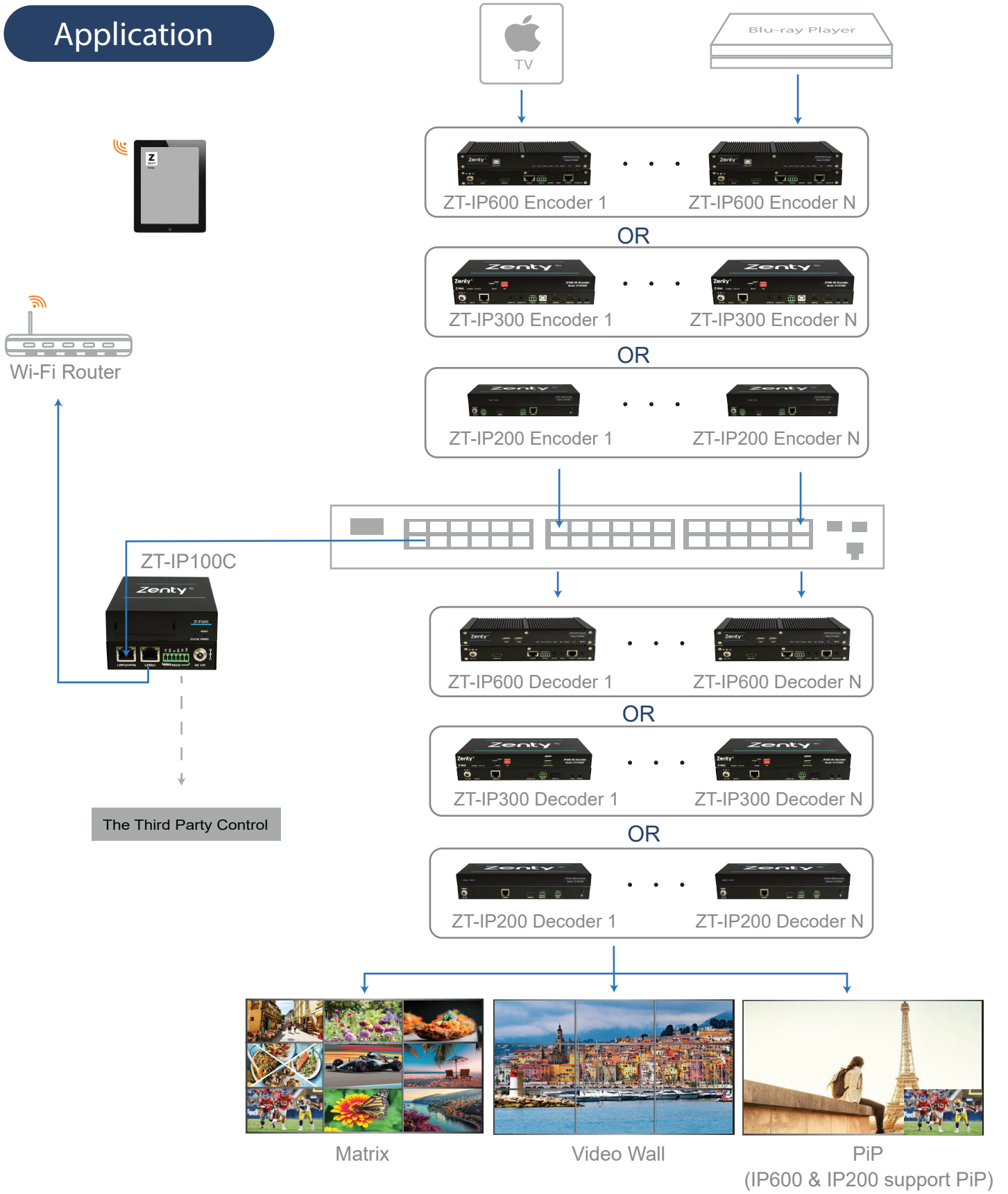
Receiver I/O Connections	ZT-IP600	ZT-IP300	ZT-IP200
Maximum Input resolution	4K60Hz 4:4:4	4K60Hz 4:2:0 4K30Hz 4:4:4	1080p60Hz 4:4:4 1920x1200p60Hz 4:4:4
Video Compression Codec	SDVoE	JPEG2000	H.264
Maximum Output resolution	4K60Hz 4:4:4	4K30Hz 4:4:4	1080p60Hz 4:4:4 1920x1200p60Hz 4:4:4
Multichannel Audio	√	√	x
Minimum Latency	0ms	16ms	60ms ~ 250ms
PoE	x	√	√
Analog Audio Breakout	√	√	√
Analog Audio Input	√	√	x
Audio Delay	x	x	√
Auto-discovery	√	√	√
Background/Failsafe Image or Video	x	√	√
Balanced Audio	x	x	x
Video Wall	√	√	√
Bezel Gap Correction	√	√	√
Image Rotation	x	√	√
Bandwidth control	√	x	√
CEC	√	√	√
One-shot Firmware Upgrade	√	√	√
HDCP2.2	√	√	x
HDMI Pass-through on Tx	x	√	x
HDR	√	√	x
Z-Net App Control	√	√	√
Instant Switching	√	x	√
IR Out	√	√	x
IR Passthrough	√	√	x
USB Passthrough/Switching	x	√	x
Maximum video wall size	8x8	16x16	10x10
Multiview	√	x	√
Open Control API	√	√	√
Network Type	10Gb Multicast	1Gb Multicast	1Gb Multicast
PC Software Suite	√	√	√
Peak Bandwidth per Tx	10Gb/s	850Mb/s	30Mb/s
Preview Stream	x	√	√
RS-232 Out	√	√	√
Small Form Factor	√	√	√
Drivers	x	Crestron, RTI, Control4	Crestron, RTI, Control4
Mouse Booming	x	√	x



Specifications & Features

Features
<ul style="list-style-type: none"> • IP control via LAN (Web GUI & Telnet) and a third-party controller • Features two Ethernet ports and two RS232 ports • Discover encoders and decoders automatically • Supports matrix switching between encoders and decoders • Compatible with the configuration file from PC configurator to quickly perform operations on encoders and decoders, such as matrix and video wall Web configuration page • Z-Net App control on IOS • CEC feature
 IP Controller

Specifications	
I/O Connections	1xLAN1 (AV/POE)(10/100 Mbps)
	1xLAN2 (C)(100 Mbps)
	2xRS232
LED	1xSTATUS LED
	1xPOWER LED
Button	1xRESET Button
Control Method	Z-Net APP LAN (Web GUI & Telnet), RS232 and a third party controller
Power Supply	12 VDC 1A
Power Consumption	• 4.5W Max.(without outputting 12V 0.5A using RS232 port)
	• 10.5W Max.(without outputting 12V 0.5A using RS232 port)
Operating Temperature	32°F ~113°F (0°F ~+45°F)
	10% ~90%, non-condensing
Storage Temperature	-4°F ~140°F (-20°F ~+70°F)
	10% ~90%, non-condensing
Surge Protection	Voltage:±1000V
	(Tested ten times respectively for the positive and negative voltages)
ESD Protection	Human body model:
	• ±8kV (air-gap discharge)
	• ±4kV (contact discharge)
Product Dimension (WxHxD)	• 93.2mm x 26mm x 138.7mm
	• 3.67" x 3.15" x 9.84"
Weight	0.38kg / 0.84 lbs (without accessories)
Certification	CE,FCC,RoHS compliant



Education

Hospitality



Corporate

Venues

Residential

Retail

Worship

Events

ZT-IP600

The Zenty IP600 series offers the capstone AV over IP solution for virtually any application. Powered by SDVoE technology, the IP600 series supports fully lossless 4K/60Hz 4:4:4 HDR signals with multi-channel audio (DTS:X & Dolby Atmos) over a 10GbE network with zero latency. Boasting a multitude of connectivity and control options, the IP600 series can provide simultaneous matrix, multi-view, and video wall configurations making it the definitive solution for your AV over IP needs



More information: 1-888-610-2818



Government

R.T.O.C

Worship

Corperation

Residential



ZT-IP300

The Zenty IP300 series is the ideal AV over IP solution for applications that require high-quality content distributed with minimal latency. The IP300 series utilizes JPEG 2000 technology to deliver 4K content and multichannel audio (DTS:X & Dolby Atmos) over a 1GbE Network with exceptionally low latency (1-2 frames). With the ability to perform matrix routing and video wall configurations up to 16x16, the Zenty IP300 series is the perfect solution for both commercial and residential applications.

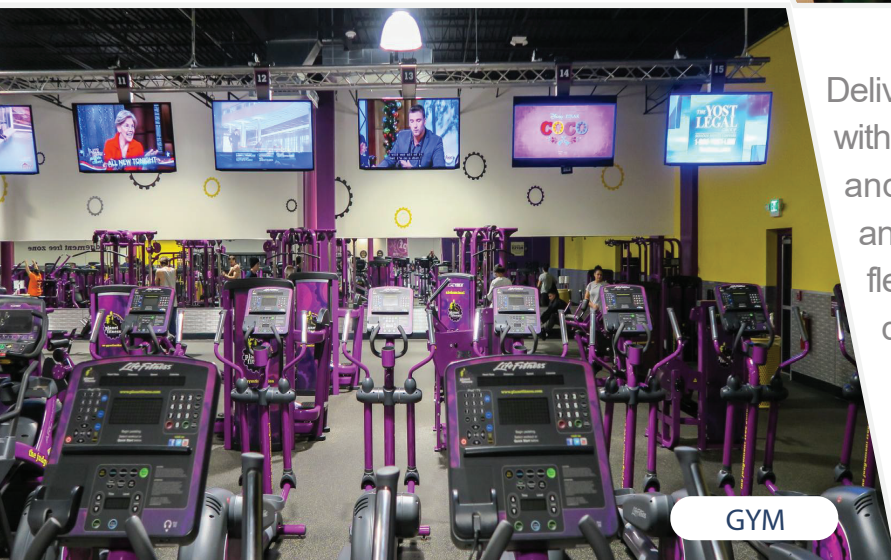


Conference Room

ZT-IP200



Restaurant



GYM

Deliver full HD content over your 1GbE network with the Zenty IP200 series AV over IP encoders and decoders. Plug-and-play PoE encoders and decoders make the IP200 series incredibly flexible and scalable up to the largest system designs. Route your content in a matrix scheme or create a video wall (up to 10x10) using the free Zenty Z-Net iPad app for even more flexibility and control.