



Zio 2

Next Generation Enterprise AV-over-IP

The Next Generation of Solutions in the Revolutionary Zio Enterprise AV-over-IP Platform

Zio 2 is the next generation of the revolutionary Zio Enterprise AV-over-IP platform. It is unique among IP video distribution systems in terms of performance, features, and versatility, a true enterprise solution offering video distribution over LANs, WANs and mobile devices. It combines video distribution with multi-image display on single monitors or across video walls.

The Zio platform includes an extensive array of IP devices, including encoders, decoders, multiviewers and video wall processors, managed through an intuitive user interface with video thumbnail previews and drag-and-drop simplicity. Using open standards, it supports third party cameras and other devices. No other AV-over-IP system even comes close.

Building on decades of experience delivering innovative video distribution systems, the new Zio 2 uniquely offers both H.264 and H.265 encoding, transmission and decoding. A single input can be encoded at different bit rates. This enables encoding video up to 4Kp60 for local networks while simultaneously offering lower resolution, lower bandwidth streams for locations across a facility or anywhere in the world reachable by the internet.

The new Zio 2 is available in multichannel configurations, with two and four channel encoders and decoders packaged in a compact unit. This offers the advantage of accommodating either multiheaded or independent computer video signals in a single endpoint, simplifying network design while offering substantial space and cost savings.

Superior performance. Advanced capabilities. Scalability. Open architecture. The Zio platform is an ideal solution for mission-critical applications.

Benefits

- Enterprise-class video distribution across LANs & WANs
- Encodes multiple sources in a single unit
- Computer and video sources up to 4K60 resolution
- 1 Gig Ethernet transmission
- Encoding at multiple bit rates simultaneously
- Support for baseband, IP and web-based content
- Scripting for external system control

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SPECIFICATIONS

S5000 Series Encoder		D5000 Series Decoder
INPUTS		
Type	HDMI	IP Video Stream
Connectors	2x or 4x HDMI 2.0 channels	1x RJ-45 (GigE), 1x SFP (future) (GigE) or 10 (GigE) FIBER
Resolution	Up to 4096 x 2160 @ 60 Hz	
Audio Support	Digital (embedded HDMI) or analog	
HDCP	2.2, 1.4 (future)	
OUTPUTS		
Type	IP Video Stream, HDMI output	HDMI
Connectors	1x RJ-45 (GigE), 1x SFP (future) (GigE) or 10 (GigE) FIBER, 1x HDMI 2.0	2x or 4x HDMI 2.0 channels
Resolution	Up to 4096 x 2160 @ 60 Hz	
Audio Support	Digital (embedded HDMI) or analog	
STREAMING		
Streams	Multiple depending on model and resolution	
Compression Format	H.264, H.265 (future)	
Streaming Protocol	RTSP, Multicast	
CONTROL		
Application	Browser-based HTML5: Windows, macOS, iOS, Android, UMP	
Network	Ethernet TCP/IP 10/100/1000/10000	
PHYSICAL		
Dimensions (H x W x D)	1.62" H x 8.64" W x 7.67" D	
Power	12 VDC, 65 W	

Specifications subject to change.

