Zio S5000 Series Encoders

The *Zio®* S5000 series encoders offer secure, high performance encoding for mission-critical applications.

The S5000 encoders are available in multichannel configurations, with two and four channel encoders. This offers the advantage of accommodating either multiheaded or independent computer video signals in a single endpoint, simplifying network design while offering substantial space savings.

Delivering up to 4K, 60Hz video resolution, the S5000 series provides the quality, flexibility, and reliability needed for the most demanding 24/7 mission-critical applications.

The new encoders are part of RGB Spectrum's *Zio* AV-over-IP platform, providing powerful realtime audio and video distribution across packetbased networks, including local area networks (LANs), wide-area networks (WANs), virtual private networks (VPNs), and mobile networks.

As an open standards-based platform, all *Zio* components are compatible with third-party equipment as well as RGB's full line of video streaming offerings: encoders, decoders, media servers, multiviewers, and video walls.

Key Features

- Enterprise-class video distribution across LANs & WANs

- Encode multiple sources in a single unit (up to an aggregate of 3840x2160x60)

- Computer and video sources up to 4K60 resolution

- 1 Gig Ethernet transmission

- Made in the U.S.A., and fully TAA- and BAA-compliant

Specifications

INPUTS	
Type	• HDMI®
Connectors	• 2x or 4x HDMI® 2.0 channels
Resolution	• Up to 4096 x 2160 @ 60 Hz
Audio Support	• Digital (embedded HDMI®) or analog
Audio Support	• Digital (embedded HDMI®) or analog
OUTPUTS	
Type	• IP Video Stream, HDMI® output
Connectors	• 1x RJ-45 (GigE) • 1x SFP (future) • 1x HDMI® 2.0 • 1x RS232 (internal use only)
Resolution	• Up to 4096 x 2160 @ 60 Hz
Audio Support	• Embedded in IP video stream
STREAMING	
Streams	• Multiple
Compression Format	• H.264, H.265
Streaming Protocol	• RTSP, Multicast
CONTROL	
Application	• Browser-based HTML5: Windows, macOS, iOS, Android, UMP
Network	• Ethernet TCP/IP 10/100/1000BaseT
PHYSICAL	
Dimensions (H x W x D)	• 1.62" H x 8.64" W x 7.67" D
Power	• 12 VDC, 65 W
Power over Internet (PoE)	• PoE++ compliant