

Zio S2100 Series Encoders

The Zio® S2100 Series offers compact encoders for mission-critical applications.



When picture quality and latency matter, there is no alternative to the S2100 series H.264/H.265 video encoder line. Delivering up to 4K video resolution and low latency, the S2100 series enables audio and video content distribution for mission-critical operations 24/7.

The new encoders offer high performance with an embedded architecture to secure and enhance reliability. Part of RGB Spectrum's Zio AV-over-IP platform, they provide real-time audio and video distribution across packet-based networks, including local area (LANs), wide-area (WANs), virtual private (VPNs), and mobile networks.

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

Key Features

- Streaming resolution
Model S2112: Up to 2K
Model S2114: Up to 4K
- Compatible with Zio® and many third-party devices
- DisplayPort and HDMI® monitor outputs*
- Embedded architecture to maximize security and reliability
- Compact chassis
- Controlled via a browser-based Zio GUI or third-party controllers (via CLI)
- Made in the U.S.A., and fully TAA- and BAA-compliant

* Only one output can be connected at a time.

Specifications

INPUTS	
Type	<ul style="list-style-type: none">HDMI®
Connector	<ul style="list-style-type: none">HDMI® 2.0
Resolution	<ul style="list-style-type: none">S2112: up to 1920 x 1080 @ 60 HzS2114: up to 4096 x 2160 @ 60 Hz
Audio Support	<ul style="list-style-type: none">Digital (embedded HDMI®), Analog
OUTPUTS	
Connectors ¹	<ul style="list-style-type: none">1x HDMI® 2.01x DisplayPort 1.4
Streaming Resolution	<ul style="list-style-type: none">Up to 4096 x 2160 @ 60 Hz
STREAMING	
Compression Format	<ul style="list-style-type: none">H.264, H.265
Streaming Protocol	<ul style="list-style-type: none">RTSP, Unicast/Multicast
CONTROL	
Application	<ul style="list-style-type: none">Browser-based HTML5: Windows, macOS, iOS, iPadOS, Android
Network	<ul style="list-style-type: none">Ethernet TCP/IP 10/100/1000BaseT
PHYSICAL	
Dimensions (H x W x D)	<ul style="list-style-type: none">1.83 x 5.61 x 6.27 inches (46.60 x 142.37 x 159.20 mm)
Weight	<ul style="list-style-type: none">1.75 lbs (0.8 kg)
Power	<ul style="list-style-type: none">5 VDC, 27 W max; PoE+

1: Only one output connector can be used at a time



Contact us to learn more.

RGB Spectrum HQ: 1-510-814-7000 • Contact your sales manager: [rgb.com/contact](https://www.rgb.com/contact).

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