



Encoding & Streaming Solutions

Re/Vue™



Industry-Leading Streaming Solutions

Encoding & Streaming



Encoding & Streaming up to Dual 4K

The Re/Vue Series includes single or dual-channel encoding & streaming solutions supporting resolutions of up to 4096 x 2160 via DisplayPort. The Re/Vue Pro Duo is the first in the world to offer synchronous encoding & streaming of 4K x 2K video per channel. DVI connectors are available additionally with the Re/Vue Pro 2 Max which support up to 2048 x 2160.



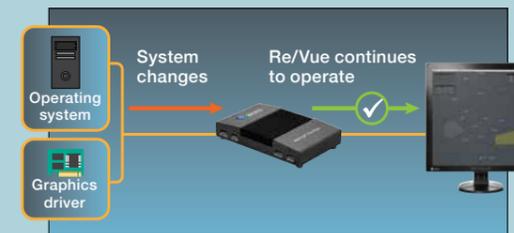
True Lossless Compression



Each product features a true lossless compression ratio of 10,000:1 to 40,000:1 for typical ATC data — the highest in the industry. This minimizes bandwidth needed to send data over a network, as well as required storage when used as a component of a recording solution. They encode each frame at the full monitor refresh rate and effortlessly stream ATC applications at 60 fps (frames per second) in most viewing environments. Additionally, framerates can easily be configured to balance image quality with data size according to end user needs.

Control & Management

Platform & Graphics Card Independent



Re/Vue products are entirely independent from the operating system and graphics card so they are unaffected by any changes that may occur to the system, providing secure data management and investment protection.

Seamless Integration



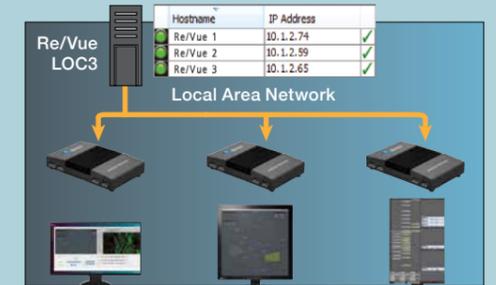
Re/Vue can be seamlessly integrated into third party solutions such as those provided by ATC system integrators and recording solution providers. Fully documented APIs are available together with full SNMP interface details.

End-to-End Solution



Re/Vue can be used with EIZO's SafeGuard integrated data capture & content management solution for a reliable end-to-end system. These solutions used together provide a highly secure archive that is built specifically to meet customer needs in areas of data management, analysis, and distribution for control centers, towers, and training & simulation facilities.

Centralized Control



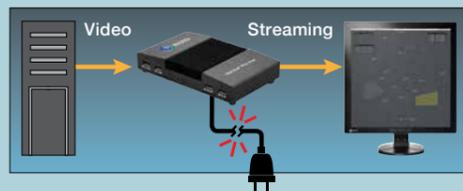
Re/Vue products can be managed through the Lights Out Configuration 3 (LOC3) utility that provides access to settings and controls for flexible management of the network from a centralized location. It also lets you set the display orientation to landscape or portrait mode so that the video is streamed in the correct format.



Durability & Reliability

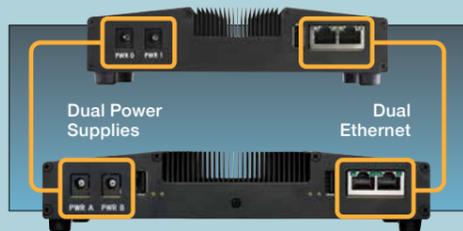


Fail-Safe Video Bypass



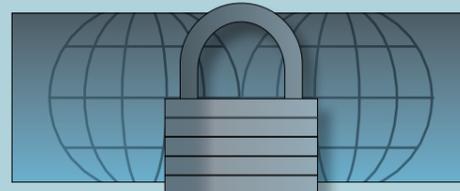
Re/Vue devices stream video without modifying the signal using a video bypass mechanism to ensure that connected monitors continue to receive data even if power is disrupted.

Mission-Critical Redundancy



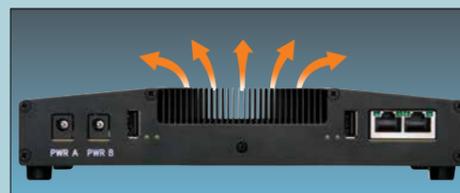
Dual Ethernet connections and power supplies provide extra protection to ensure continued operation. Each product can also stream video data simultaneously across each of the Ethernet adaptors to independent networks.

Secure Data Encryption



Re/Vue products implement SNMP Version 3 for enhanced authentication and data encryption. In addition, EIZO's proprietary encoding algorithm ensures that video data can only be viewed using EIZO-provided applications and decoder libraries.

Industrial-Grade Reliability



The Re/Vue Series is designed to allow heat to escape efficiently without a fan, keeping internal temperature within safe operating tolerances even during long periods of use. This is important for ATC environments where operations are carried out 24/7.

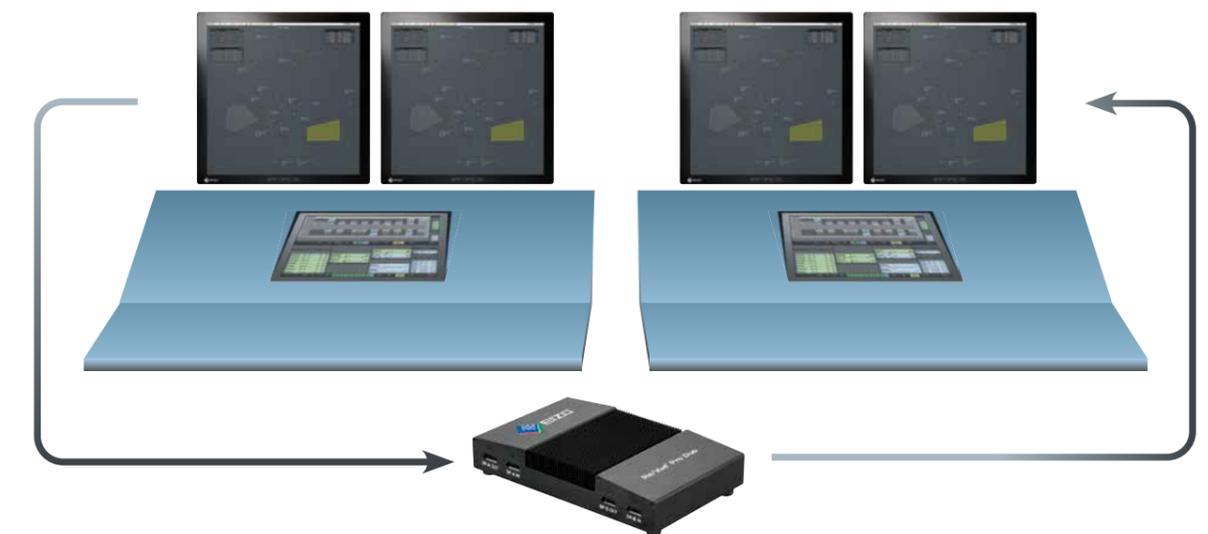
30+ Years of ATC Visual Graphics Expertise

EIZO has been a pioneer in visual graphics hardware solutions for the ATC market since 1987. Backed by over 30 years of technical expertise, Re/Vue encoding & streaming solutions provide the accuracy and dependability needed for ATC, training & simulation, and command & control applications.

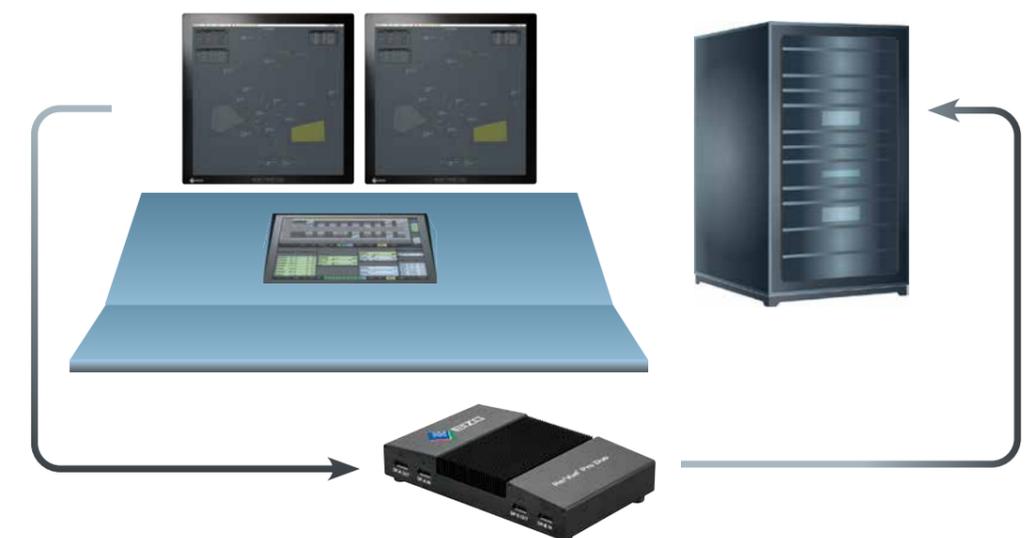
Practical Application

Re/Vue products can serve as standalone streaming devices or be integrated as part of a broader recording solution.

Stream to Workstation



Stream to Server



Contact us to optimize your configuration.
atc@eizo.com

Specifications

	Re/Vue Pro 2	Re/Vue Pro 2 Max	Re/Vue Pro Duo
Video Compression Ratio (typical)	10,000:1 to 40,000:1 (Actual compression ratio is dependent upon configuration parameters and video data type)		
Supported Resolutions	1280 × 1024, 1600 × 1200, 1920 × 1080, 1920 × 1200, 1920 × 1920, 1920 × 2160, 2560 × 1440, 2560 × 1600, 2048 × 2048, 2048 × 2160, 3840 × 2160, 4096 × 2160	DVI or DisplayPort: 1280 × 1024, 1600 × 1200, 1920 × 1080, 1920 × 1200, 1920 × 2160, 2560 × 1440, 2560 × 1600, 2048 × 2048, 2048 × 2160 DisplayPort only: 3840 × 2160, 4096 × 2160	1280 × 1024, 1600 × 1200, 1920 × 1080, 1920 × 1200, 1920 × 1920, 1920 × 2160, 2560 × 1440, 2560 × 1600, 2048 × 2048, 2048 × 2160, 3840 × 2160, 4096 × 2160 per channel
Maximum Video Resolution	4096 × 2160	DVI: 2048 × 2160 DisplayPort: 4096 × 2160	4096 × 2160 per channel
Maximum Frames Per Second	85 Hz for most resolutions (60 Hz for dual link resolutions)		
Video Connectors	DisplayPort input and output	DisplayPort (input and output), Dual-link DVI (input and output)	DisplayPort input and output × 2
Audio Connectors	-	Stereo mini jack	-
Audio Format	-	MP3 standard – two channel up to 48 KHz sample frequency	-
Typical Power Consumption	16 W		25 W
Dimensions (W × H × D)	171.7 × 45.1 × 110.9 mm		214.9 × 45.6 × 133.4 mm
Net Weight	0.60 kg	0.61 kg	0.96 kg
Ethernet	RJ-45 (1Gbps) × 2		
Warranty	2 years		

EIZO Rugged Solutions

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