Dual-channel lossless video recording for 8MP or dual-4MP monitors.

The Re/Vue Mini Duo offers lossless dual-channel video and audio recording for resolutions of up to 2048 × 2160 per channel to provide synchronous recording and streaming of either a single 8MP monitor or two 4MP monitors.

Dual Channel Capability

The Re/Vue Mini Duo's dual channel input supports synchronous streaming and recording of a single 8MP monitor or dual-4MP monitors through dual DVI-D connectors.

Synchronously record and stream ATC video from a single 8MP monitor or two 4MP monitors.

Lossless Recording and Compression

Lossless video and audio recording maintains the quality of the original source data while high compression ratios of 8,000:1 to 30,000:1 minimize required storage for large volume image data. Frame rate can be configured for acquiring the ideal balance between maintaining high image quality and reducing data size. This is helpful under conditions where available storage is limited.

Mission-Critical Redundancy

Dual Ethernet outputs and external power supplies ensure continued operation in the event of external failure of a connected power source or network. Video from each of the connected video inputs can be simultaneously streamed across each of the Ethernet adaptors to independent networks or targeted to a single network location to reduce network traffic. If the network connection is interrupted, the hard drive maintains data locally to prevent information from being lost.

Dual Ethernet and dual power supplies ensure continued operation.
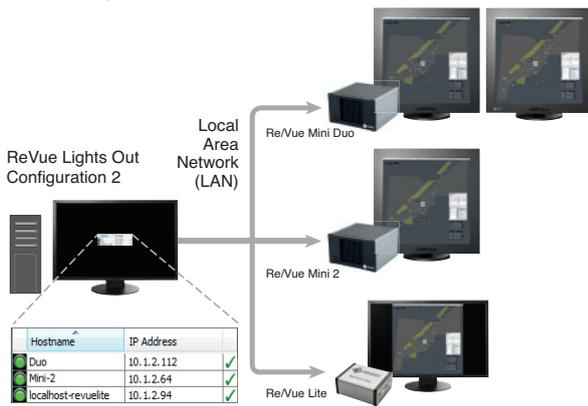
Fail-Safe Video Splitter

Each of the two video connectors is equipped with an integrated video splitter to ensure that the connected monitors continue to receive data, even when power is not applied to the unit. This eliminates the need for additional external hardware devices to perform this function.

Dual-Channel
Video Recording Solution
Re/Vue™ Mini Duo

Centralized Control

The Re/Vue Mini Duo can be managed through a web interface with configuration and control features or through the Re/Vue Lights Out Configuration utility. This provides extensive flexibility in system management, allowing you to manage an entire network from a centralized location. In addition, SNMP management provides easy integration with other recording solutions.

Centralized management for connections with a Local Area Network (LAN).

Playback Utility

The Re/Vue playback application supports synchronous playback of files recorded from any device in the Re/Vue Mini Series. Features include variable speed playback, frame by frame advance, loop mode, and ultra-responsive zoom and pan options. A fully documented API is available to enable the playback of Re/Vue files using other recording applications.

The Re/Vue Player supports playback of recorded video and audio on both Windows and Linux systems.

Platform and Graphics Card Independent

The Re/Vue Mini Duo is entirely independent from the operating system and monitor software so it is unaffected by any changes that may occur to the system. In addition, recorded data can easily be viewed on any Linux- or Windows-based system.

Practical Application

The Re/Vue Mini Duo is designed specifically for the recording and streaming of complex images used in ATC applications. It can serve as a standalone recorder or be integrated as part of a broader solution for controller workstations.

Specifications

Video Compression Ratio (Based on Typical ATC data)	Compression Ratio of 8,000:1 to 30,000:1 (Actual compression ratio varies with configuration parameters and video type)
Supported Resolutions	1280 × 1024, 1600 × 1200, 1920 × 1080, 1920 × 1200, 1920 × 2160, 2560 × 1440, 2560 × 1600, 2048 × 2048, 2048 × 2160
Maximum Video Resolution	4.2MP – 2048 × 2160 dual link DVI per video channel
Maximum Frames Per Second	85 Hz for most resolutions (60 Hz for dual link resolutions) per channel
Video Connectors	Dual link DVI-D × 2 input and output with full EDID/DDC support (also supports single link); Integrated video splitter per channel
Audio Connectors	2 × 3.5 mm (1/8") stereo
Audio Format	MP3 standard – two channel up to 48 KHz sample frequency
Storage	1 TB HDD
Power Consumption	40 watts (typical)
Power Supply	1 or 2 × (optional) external AC/DC PSU
Dimensions (W × H × D)	170 mm × 100 mm × 175 mm
Net Weight	2.2 kg / 4.75 lbs
Ethernet	2 × GbE - SNMP Management
Warranty	2 years