



Reach -CL560

All in one Muti media capture, mix, encode, record, streaming appliance



The integrated host **CL560** is an embedded high-performance recording and live streaming product developed bySZ Reach, with the following features:

- Supports the access of high-definition (HD) and standard-definition (SD) signals, enabling convenient synchronous recording, local preview, and playback of video, audio, and computer screen signals.
- Records and generates universal MP4 video files.
- Can realize director control of 5-channel video signals when paired with SZReach multimedia director control platform.
- Can be configured with SZReach Media platform to achieve live streaming and on-demand viewing of video resources.

Functions:

- Digital and analog video and audio fees capture
- Muti channel video and audio ,mixing ,encoding, and live streaming
- USB High-Speed direct recording and high speed downloading
- Visual GUI director
- Telnet and Serial Port Control
- HDMI with embed audio Functionality
- Standard RTMPS /RTSP Streaming
- Multiple Audio Source Input Selection
- PTZ Camera Remote Control
- Front Panel Button Operations
- Recording Quality Adjustment
- Local Preview and Playback
- Recording File Management

2.1 Synchronous High-Definition Multimedia Signal Recording

The CL560 Integrated Recording Host is capable of synchronizing the recording of up to five high-definition video signals and can be configured via a web interface to include synchronous audio recording.

2.2 Video Capture, Encoding, and Broadcasting

With the ability to manage up to six screens (four high-definition video signals, one VGA signal, and one RTSP signal) simultaneously, the CL560 Integrated Recording Host excels in picture capture, encoding, and recording. It also supports manual broadcasting for six screens (five high-definition video signals and one VGA signal).

2.3 USB Download and Direct Recording to USB Flash Drive

After successfully connecting a USB flash drive or external hard drive to the USB interface, when the CL560 begins recording video files, it will automatically synchronize and directly record the video files to the USB flash drive or external hard drive.

2.4 Cross-Platform and Cross-Browser Compatibility

Designed with a cross-platform and cross-browser architecture, the CL560 Integrated Recording Host is accessible via a variety of browsers and operating systems, including Microsoft Windows, Apple Mac, Internet Explorer, Google Chrome, Mozilla Firefox, and Apple Safari.

2.5 Telnet and Serial Port Control

Users can control the CL560 Integrated Recording Host through Telnet-based commands over the network or via serial port commands, with the system supporting the switching between these control methods.

2.6 HDMI Interface Functionality

The HDMI interface on the CL560 Integrated Recording Host supports audio output, which can be activated through the device's web management interface.

2.7 Standard Streaming

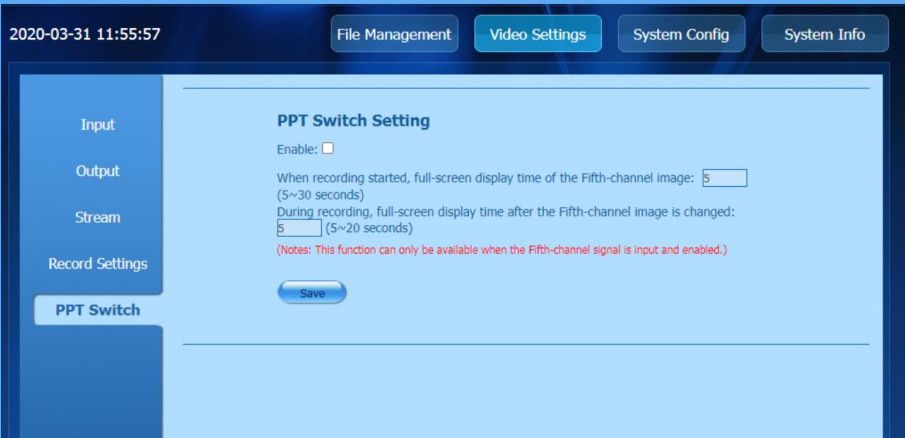
The CL560 Integrated Recording Host supports the generation and transmission of RTSP and RTMP standard streams. RTSP streaming is available over both TCP and UDP protocols, with optional user authentication for enhanced security. RTMP streaming is supported over TCP and can push both high and standard-definition streams simultaneously.

2.8 PPT Push Feature

Enable or disable the PPT push function (Note: The PPT push function is only effective when the fifth computer signal is properly connected). Display the fifth computer screen as images through the web page. Set the maximum number of client connections and view the number of receiving clients in real-time.

2.9 PPT Switching

1. Enable or disable the PPT switch function. When set to enable, upon starting recording, the movie mode switches to the fifth computer input screen and stays on it for a set duration (configurable from 5 to 30 seconds).
2. During the recording process, when changes occur in the fifth screen (switching PPTs, operating demonstrations), the movie mode switches to the fifth computer input screen and stays on it for a set duration (configurable from 5 to 30 seconds).



2.10 Camera Remote Control

The CL560 Integrated Recording Host is compatible with multiple camera control protocols, allowing for precise control of camera movement and focus. It also supports setting camera presets for quick access to ideal shooting positions and can control up to four cameras remotely.

2.11 Front Panel Button Operations

The front panel of the CL560 Integrated Recording Host is equipped with buttons for recording, pausing, stopping, downloading, playback, and screenshots, along with a knob, making operations more convenient and efficient.

2.12 Local Preview and Playback

The HDMI output interface of the CL560 Integrated Recording Host facilitates high-definition video output, enabling real-time preview of recordings and playback of completed files.

2.13 Recording File Management

The CL560 Integrated Recording Host supports automatic FTP upload, allowing recorded multimedia files to be uploaded to third-party FTP servers or other Sharp series servers. It also allows for the management of recorded files through a web interface, enabling viewing, searching, downloading, and deleting of files.

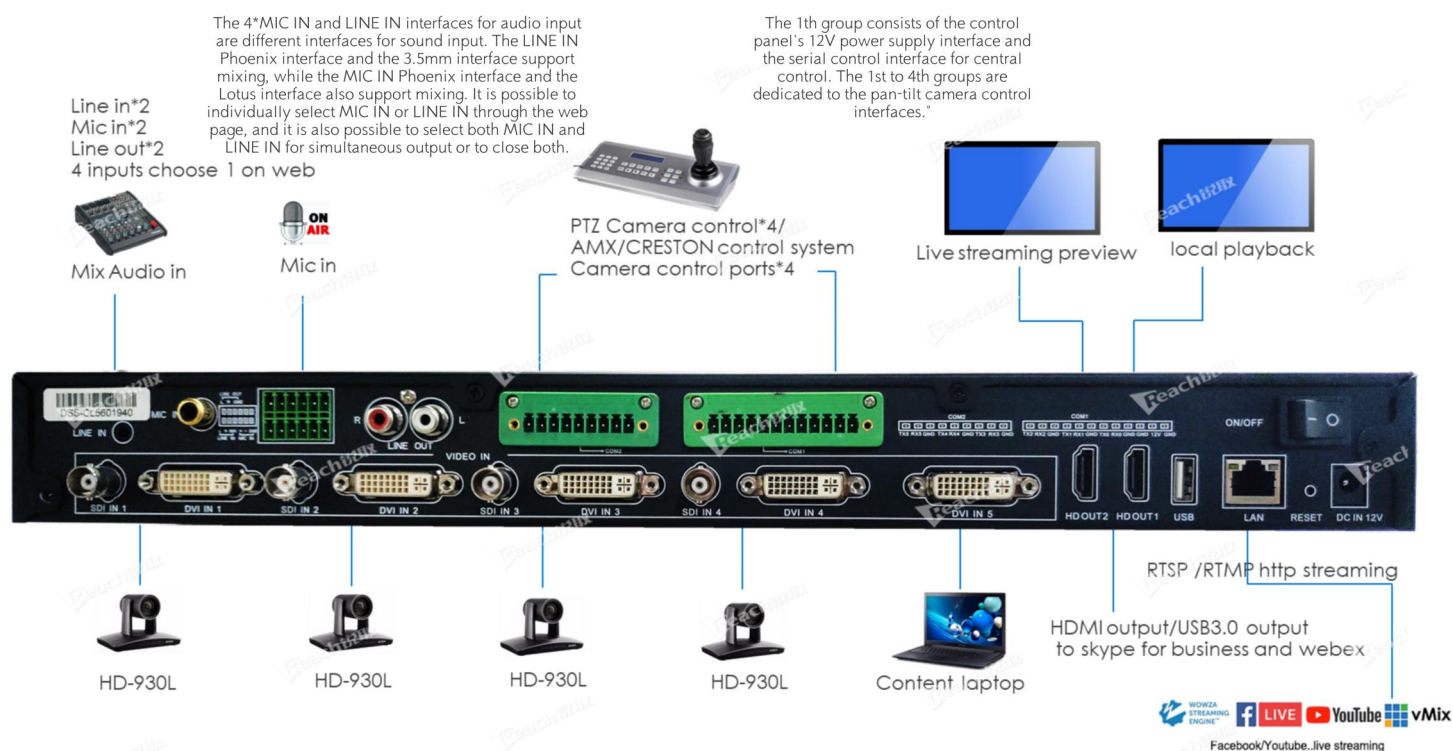
2.14 Multiple Audio Source Input Selection

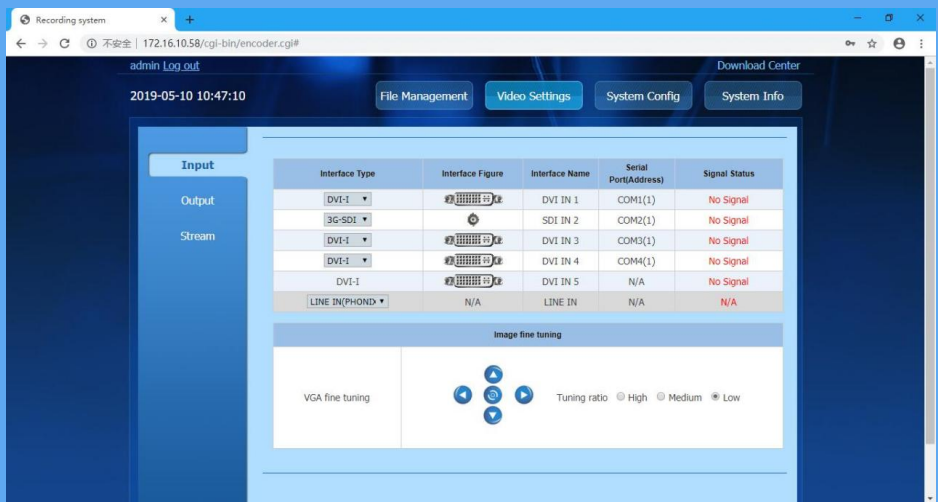
The CL560 Integrated Recording Host offers a variety of audio input options, including Line In (Phoenix interface), Mic In (Phoenix interface), Line In (3.5mm interface), and Mic In (RCA interface), and supports mixing two audio inputs.

2.15 Rich recording setting.

Set high-definition or standard-definition recording file parameters (resolution, bitrate, recording duration, recording file prefix). Schedule recording time settings (specify the date and time period for recording).

Enable or disable resource mode file recording. Manual recording, pause, stop, and real-time recording information display.





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