Video Conference Recorder（CH50/CH100）

Video Conference Recorder is the latest-generation multi-media recording and streaming system independently developed by Reach to meet the recording and streaming demand of video conference industry. This system can adapt to all MCUs and terminal products of standard H.323, support the multiple conferencing, and record the conference at multiple speeds and multiple modes. It can also realize various functions, e.g. real-time live playing, on-demand playing, remote management and file management. It is easy to operate/manage, and stable to run. It can meet the demand of visual information recording/transmission at various scenes (e.g. conference, training and teaching).

Features

◎ *Recording*
Video Conference Recorder is based on IP network. It can synchronously record video, audio signal and computer screen signal at the video conference. It can simultaneously record multiple conferences.

◎ *Live Streaming*
It is with powerful live streaming function. It can do live streaming video, audio and computer screen, at a clear smooth receipt. It supports live streaming in various formats (e.g. CIF/4CIF/720p/1080p) and the high-resolution conference (maximum 1080p/30Hz), to bring about a meticulous visual experience.

◎ *Video On-demand*
PC users log into server and play the file on demand, via the browser. The video conference terminal can make the on-demand playback at the point-to-point mode.

◎ *Recording Control*

MCU and terminal can directly call for recording, the recording task can be automatically created as long as the call connection is established.
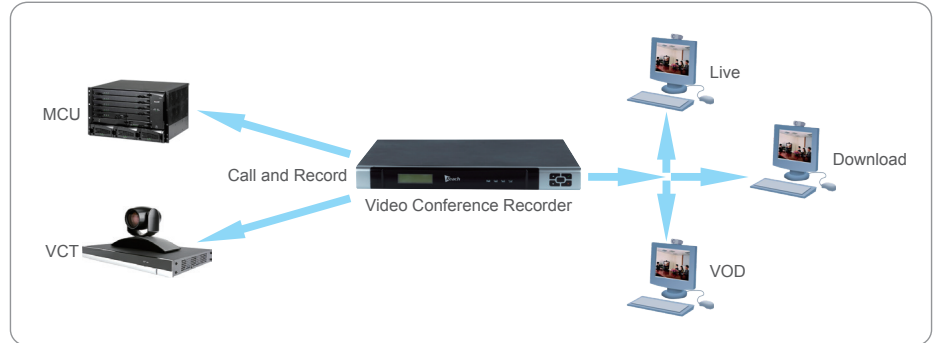
Supports record for video conference at the terminal point-to-point mode.

◎ *Strong Compatibility*

Compatible to the MCU and video terminal device of various brands work with H.323 standard.

◎ *High Reliability*

The embedded operating system is stabled reliable. It can be run continuously for 7×24 and MTBF>120,000h. It supports the RAID1 disk array function, and guarantees the reliable saving of recording file.

Specifications

Model	CH50/CH100
Parallel recording	CH50: Record in parallel maximum 5 groups of 1080p30 high resolution conference CH100: Record in parallel maximum 10 groups of 1080p30 high resolution conference
Live streaming	CH50: 50 concurrent live users CH100: 100 concurrent live users
Video encoding protocol	H.264, H.263, H.261
Audio encoding protocol	G.711A, G.711U, G.722, G.722.1, G.723.1, G.728, G.729
Communication protocol	H.323V4, H.225, H.245, H.239
Video format	QCIF, CIF, 4CIF, VGA, SVGA, XGA, 720p, 1080p
Bit rate	128Kbps~8Mbps
Frame rate	1~30 f/s
Recording file format	MP4
External storage	Supporting the external network storage of FTP, Samba, NAS, iSCSI
Recording capacity	CH50: 1TB (1Mbps×2000h) CH100: 2TB (1Mbps×4000h)
Physical property	Dimension: 430mm (16.93") x 373mm (14.69") x 45mm (1.77") Weight: 8kg
Network interface	2 Ethernet interfaces of 10M/100M/1000M
Power	Working voltage: 220V/50Hz Power: 60W

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