

Network recording and streaming server

1080p60 Recording and Streaming Engine

Model :CH50 V2 ——5 group concurrent video session recording and live streaming

Model: CH100 V2——10 group concurrent video session recording and live streaming

Model :CH300 V3——20 group concurrent video session recording and live streaming

H.323/SIP Video conference record and stream

Centralized server for recording, streaming, and archiving video conference

Application for :Traning,Meeting,sharing CEO broadcasts,



. Recording
. Live Streaming



Record and share
your meetings
within a few clicks



Available from
your computer, your
smartphone, your tablet
or your meeting room



Videos of your meetings
are available and stored
in the cloud



Live Streaming:
Share your
videoconferences

SIP、H.323 V4、Q.931、H.225、H.245、
TCP/IP、RTP/RTCP、RTMP、H.239

Communication protocol

G.711A、G.711U、G.728、G.723.1、G.729、
G.722、G.722.1

Audio protocol

CIF、4CIF、720P、1080P、VGA、SVGA、XGA

Video format

H.261、H.263、H.263+

H.263++、H.264、MPEG4、H.265

Ecoding format





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1080P@60 recording, streaming, VOD

Single point, Point-to-Point (P2P), multi-point real-time recording, live streaming and VoD
Supports up to 30 group 1080p@60 recordings, 30 group HD live streams, 500 Web viewers
Three-screen telepresence panoramic recording and playback
Standard MP4 recording for playback on mainstream players

Mobile VOD, anywhere, anytime

Mobile WEB play based on HTML5 - no plug-ins required
HD and Standard Definition (SD) streaming for PCs, mobile phones, or tablets
Live streaming and VoD playback at the video conferencing endpoint
Quick index to video sources through grouping and labeling

High Stability and reliable

Three-level backup with hard disk, power, and codec chip
RAID1 function to ensure reliability of recorded files
Dump, export, and upload recorded files through IP SAN and NAS to back up data and enhance data security
Standard encryption with HTTPS, H.235, and TLS/SRTP

Multiple recording applications and third party integration

Local and network recording
Simple Object Access Protocol (SOAP) API interfaces for integration with third-party applications
Standard Transport Stream (TS) and FTP interfaces for integration with third-party streaming media platform

Large scale storage ability

Support FTP, Samba, NAS, iSCSI external network storage
Support RAID1
More than 2000 hours HD video recording with 4TB hard-disk

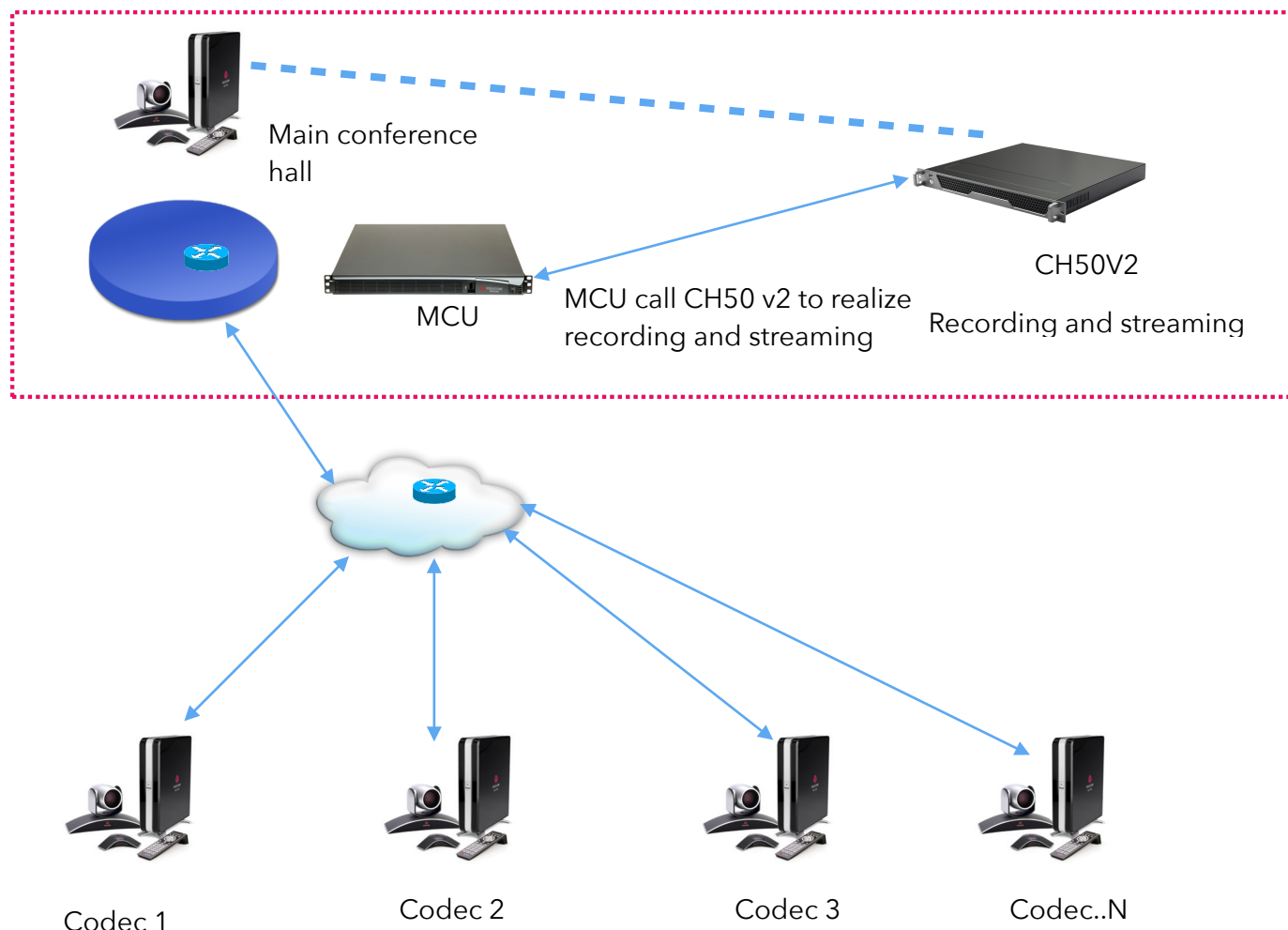
Technical Detail:

1. IP based recording and streaming,record video conference session's digital stream on real-time
2. H.323V4, SIP, H.225, H.245, H.239, HTTP, RTP, RTCP, RTSP, RTMP Communication protocol
3. G.711, G.728, G.723.1, G.729, G.722, G.722.1 audio codec protocol
- 4: H.261, H.263, H.263 +, H.263 + +, H.264, H.265 video codec protocol support
- 5: QCIF, CIF, 4CIF, VGA, SVGA, 720P, 1080P and other video recording formats,
- 6:Simultaneous recording of 30 video conference session (Maxmium)
- 7:Record H.239 Dual Image
- 8:Point to point video conference recording
- 9:Multipoint video conference recording via capture the stream from MCU
- 10:Support the conference live streaming and published immediately without longtime for transcoding.
- 11:Mp4 format file storage, can be playback by MediaPlayer, VLC, QuickTime and other general player
- 12:Automatically recording connection with the MCU
- 13:Live stream via IE Browser, support 200 concurrent live-stream
- 14:Can be called by video conference endpoint via H.323 protocol to acheive live streaming
- 15:Recorded files can be upload to the specified FTP server automatically or manually

Maxmium Record		bandwidth(Kbps)				
		128	384	768	1536	1920
meet time	30 minutes	<30MB	<90MB	<180MB	<360MB	<450MB
	1 hour	<60MB	<180MB	<360MB	<720MB	<900MB
	6 hour	<360MB	<1080MB	<2160MB	<4320MB	<5400MB
	12 hour	<720MB	<2160MB	<4320MB	<8640MB	<10800MB

Note:maximum record size (MB)=bandwidth(Kbps)*meet time(s)/8/1000

Work mode 1: via MCU or codec call CH50v2 to do recording and streaming



Work mode 2: recording and streaming via network switcher mirror

