

H.264 Dual Stream DVR



ACH-6808VD Dual Stream Stand Alone DVR

Key Features:

- Advanced **H.264 Main Profile hardware compression** algorithm with **Dual streaming** for Recording & Network settings.
- 4 times better support of normal H.264 algorithm compression, Main profile Compression will support files as small as 60% of Down level than other normal H.264.
- Linux real time operating system to provide higher flexibility, network transmission support, secured & stable System.
- Live viewing with D1 support & DVI \ VGA \ HDMI (Optional) \ CVBS video output mode supported, and the highest resolution is 1920X1080P.
- Support confidential data elimination management (to enlarge imperative level video file period), video file length era management.
- Support SATA 2TB * 8 HDD OR 6 HDD + 1DVD, USB 2.0 for fast Backup
- Support Static IP, DHCP, DNS, DDNS, PPPOE, SNTP, NTP, RTP/PTC/RTSP & Alert E-Mail Network settings,
- 64 Channels viewing simultaneously on single screen & CMS supports up to 255 channels.
- IE Web client, Remote Monitoring, DDNS Support.
- Supports Windows Mobile 6.1, symbian S60 3rd edition Mobile & IPHONE.
- User Friendly Graphics & Window OSD for easy & fast operation, supporting with menu note function.
- Real Pentaplex working mode (control, preview, record, playback, backup, networking).
- Supports up to 6 VGA split combination at 1920x1080 (FULL HD 1080P) resolutions. 4 VGA split combination at 1280x1024 resolutions.
- 16x4 matrix display. Automatic revolving sequence and segmentation.
- Cyclic switched display support same or different split mode.
- DVR Controlled by fully functional front panel, mouse, remote control & etc.
- HDD Group Storage Management for Common/Alarm/Redundant/ Backup.

ACH-6808VD Dual Stream Stand Alone DVR

Key Features:

- Multiple Recording Setup Normal, Schedule, Motion Detection & Alarm Detection.
- Alarm Input, Alarm Output with Event Handling Menu Operation Camera Wise with Email Alert Option.
- Intelligent Browse Mode and Video/Snap File Management.
- Different Image Setting @ Different time for Video.
- SNAP SHOT Facility in Live Monitoring.
- Record Mode can be set by resolution, frame rate, quality, and Streaming type, Record file length adjustable.
- Streaming file system supports divided group management (To lengthen the survival time of important record).
- The survival time of recording can be customized.
- Multiple Users with Authority Management.
- All channel(4,8 & 16)Playback simultaneously with information of timing bar, calendar file display.
- Direct Play link of Event Search Data, with fast playback, fast Forward, Reverse etc.
- Press one button to switching between channels, Press one button to switching preview and playback.
- Video files can be Searched by Video Type, Time & Date, etc.
- Backup VIA Local USB & DVD-RW. Remote Back Via CMS, Web Client.
- Backup files can be played in the local devices & general popular player as well.
- Support DVR Configuration through WAN and LAN.
- Self-recovery while the master or codec devices are on the wrong condition, and record the error code to the log.
- Video Matrix Output by Matrix Card & Managed by ExVid Central Video Management Software.
- Ideal application for projects like Shopping mall, Banking segment, Government sector, Corporate, Industrial & etc.

ACH-6808VD Dual Stream Stand Alone DVR

Technical Specification:

Video & Audio

● Video

Video Compression : H.264 Main Profile Hardware Compression
 Playback resolution : PAL 704 x 576 (D1), NTSC: 704 x 480(D1)
 Video System : PAL/NTSC/SECAM
 Video Input : 8 CH, BNC, 1Vp-p, 75Ω
 Main Video Output : 1 CH BNC output, 1Vp-p, 75Ω
 Call Video Output : 1 CH BNC Output, 16x4 Matrix outputs
 (1、4、9、16 split)
 VGA Output : 1 CH, 15 PIN 50/60Ω
 Compression bit rate: 32kbps-4096kbps, selectable
 Working Mode : Pentaplex

● Audio

Audio Compression : G.726 / G.711
 Audio input : 8 ch audio input, RCA, 2Vp-p, 600Ω
 Audio Output : 1 ch RCA , 2Vp-p, 600Ω
 Sampling rate : 8KHZ
 Sampling size : 16 bit
 Audio track : single track

Live, Record & Network Streaming

● Live Streaming

Compression Format: D1

System	NTSC	PAL
	704 X 480	704 X 576

● **VGA Output** : 800 x 600, 1024 x 768, 1280 x 1024,
 1440 x 900, 1600 x 1200, 1680 x 1050,
 1920 x 1080P

● Network Streaming

Network Stream : Main or Sub stream
 Sub code resolution : PAL 352 x 288(CIF), NTSC 352 x 240(CIF)
 Sub code Frame : Full frame or frame rate: 1-15fps, adjustable
 Sub code bit rate : 32kbps-512kbps

● Record Streaming

Compression Resolution :	NTSC	PAL
CIF @ 352 x	240	or 288
HD1@ 704 x	240	or 288
D1 @ 704 x	480	or 576

Format	NTSC FPS	PAL FPS
	Total / Per Camera	Total / Per Camera
CIF	240 / 30	200 / 25
2CIF	240 / 30	200 / 25
4CIF	240 / 30	200 / 25

Playback & Storage Functions

● Playback

Playback Channel : 8 Ch
 Split windows : 1,4,8 Ch

Resolution	Playback Channel	NTSC	PAL
CIF	8	240FPS	200FPS
2CIF(HD1)	8	240FPS	200FPS
4CIF(D1)	8	240FPS	200FPS

● Storage

HDD Interface : SATA
 HDD Port : 8 HDD OR 6 HDD + 1 DVD
 HDD Capacity : Maximum 2TB
 Disk Group Management : Common/Alarm, Redundant & Backup

