

# H.264 Dual Stream DVR



## ACM-7808VD 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 performance compare to normal H.264 compression algorithm, Main profile Compression will support files size as small as 60% of Down level than other normal H.264.
- Advanced Hi Function Chipset, complied with Lower power consumption, fast response, higher integration Capability. Means Cover all function in single chipset.
- Linux real time operating system to provide higher flexibility, network transmission support, secured & stable System.
- 8 Ch video with 8 Ch Audio Input.
- Live viewing with D1Support & simultaneously VGA, Monitor & Spot output, VGA Resolution Supports upto 1440\*900, 1280\*1024, 1024\*768.
- 8 Ch D1 Realtime Recording & 4 Ch D1 Realtime Playback, or 8 Ch half Realtime Playback, or 8 Ch CIF Realtime Playback.
- All Channel playback & supports fast playback, fast forward, Reverse, Backup & etc.
- Support SATA 2TB \* 8 HDD or 6 HDD + 1DVD, USB 2.0 for fast Backup.
- Advanced HDD Group Storage Management for Common/Alarm/Redundant/Backup.
- Live Snap Shot Facility.
- Advanced Record Setup.
- Support Static IP, DHCP, DDNS, PPPOE & Alert E-Mail facility. IE Web client & Windows Mobile 6.1, Symbian S60 3rd edition Mobile & IPHONE.
- Schedule, Continuous, Manual, Motion detection & Alarm Trigger Recording Option, Multiple User with Authority Management.
- AVK-3XLR1 3 Axis Joystic Keyboard Controller Supported.

## ACM-7808VD Dual Stream Stand Alone DVR

### Key Features:

- Exvid Central Management Software(CMS) included Configuration, Monitoring, & Player Module.
- 64 Channels viewing simultaneously on single screen & CMS supports up to 255 channels.
- Alarm Input, Alarm Output with Event Handling Menu Operation Camera Wise with Email Alert Option.
- User Friendly Graphics & Window OSD for easy & fast operation, supporting with menu note function.
- DVR Controlled by remote keyboard, mouse, front panel keypad, remote controller etc.
- Locally & Remotely DVR Configuration.
- Video Matrix Output by Matrix Card & Managed by ExVid Central Management Software.
- Automatic Screen Zooms upon trigger of Motion Detection & Alarm.
- Backup by Local USB & network etc, Internal & external USB burner supported.
- Multi language menu supported.
- Configuration via TELNET supported.
- Suitable for Medium office, Shops, corporate office & etc.



# ACM-7808VD Dual Stream Stand Alone DVR

## Technical Specification:

### Video & Audio

#### ● Video

Video Compression : H.264 Main Profile Hardware Compression  
 Video Input : 8 CH, BNC, 1Vp-p, 75Ω  
 Video Output : 1 CH BNC output, 1Vp-p, 75Ω  
 VGA Output : 1 CH, 15 PIN 50/60Ω  
 Spot Output : 1 CH BNC output, 1Vp-p, 75Ω  
 Compression bit rate: 20K~4Mbps , selectable  
 Working Mode : Pentaplex

#### ● Audio

Audio Compression : G.726  
 Audio input : 8 ch audio input, RCA, 2Vp-p, 600Ω  
 Audio Output : 1 ch RCA , 2Vp-p, 600Ω  
 Audio bit rate : 24kbps  
 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

#### ● 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
4CIF(D1)	4	120FPS	100FPS
CIF	8	240FPS	200FPS
2CIF(HD1)	8	120FPS	100FPS
4CIF(D1)	8	60FPS	50FPS

#### ● Storage

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

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## Technical Specification:

### Interface & Network

#### ● Interface

Communication port: 1 x RS422, 1 x RS232, Keyboard support  
Keyboard Port : RS485  
Alarm Input port : 16 channel input, on/off value input  
(constant on /off)  
Alarm output port : 4 channel output, relay type  
30VDC1A, 125VAC1A  
USB Port : USB 2.0 / 1.1  
DVD Port : Internal SATA DVD / External USB DVD-RW

#### ● Network

Network Port : RJ-45 Port 10/100M self adaptive.  
Network Protocol : TCP / DHCP / PPPOE / UPD / NTP /  
SMTP  
DVR Communication: RTP / RTCP / RTSP,  
HTTP + XML control protocol.  
DDNS Service : DYNDNS, 3322, TZO, Easy DNS &  
many more.

### User Application

#### ● Monitoring

Exvid CMS : Configuration, Monitoring, Player.  
DVR Configuration : Local / LAN / WAN.  
Web Client : Internet Explorer.  
Mobile OS : Windows 6.1, symbian S60 3rd, IPHONE.  
Device Management : IE / TELNET.

#### ● Backup

Local : USB DVD-RW / FLASH DRIVE / HDD.  
Remote : CMS & IE Web client.

### Dimensions & Accessories

#### ● Dimensions

Product Dimensions : 450 x 465 x 80mm (W x L x H)  
Box Dimensions : 600 x 550 x 245mm (W x L x H)  
Gross Weight : 12 kg

#### ● Accessories

SMPS : Built in Power supply  
Cables : AC Mains Supply Cord  
SATA HDD Data & Power Cables  
Connector : Alarm Connector / HDD screws  
Peripheral : Remote Control / USB Mouse

### Electrical & Environment

#### ● Electrical

Input Power : AC220V/110V  
Maximum Power Consumption :  $\leq$ 30W

#### ● Environment

Temperature : 0°C ~ 55°C  
Humidity : 10% ~ 90%RH