H.264 Dual Stream DVR

MAIN PROFILE | DUAL STREAM | PENTAPLEX SUPPORT | MULTI-CHANNEL PLAYBACK | SATA HDD | CMS SOFTWARE | AUDIO | VGA | MOBILE MONITORING | REMOTE CONTROL | MOUSE | OSD | EX-DVD/HDD/ FLASH DRIVE

ACM-4416V 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.
- Support SATA 1TB * 4 HDD, USB 2.0 for Backup.
- Live viewing with D1Support & simultaneously VGA & Monitor output, VGA Resolution 1440*900, 1280*1024,1024*768.
- 4 channel real time video and audio playback, with fast playback, fast Forward, Reverse etc.
- 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.
- ExVid Central Management Software(CMS) included Configure, 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 mouse, remote controller & etc.
- Locally & Remotely DVR Configuration & Backup.
- Video Matrix Output by Matrix Card & Managed by ExVid Central Management Software.
- Suitable for Small & Medium office, Shops, corporate office & etc.

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* The Features & Specification can be changed without any prior notice.

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Technical Specification:

Video & Audio

Video

Video Compression : H.264 Main Profile Hardware Compression
Video Input : 16 CH, BNC, 1Vp-p, 75Ω
Video Output : 1 CH BNC output, 1Vp-p, 75Ω
VGA Output : 1 CH, 15 PIN 50/60Ω
S-VGA Output : 1 CH, 4 PIN
Compression bit rate: 20K~4Mbps , selectable
Working Mode : Pentaplex

Audio

Audio Compression : G.726
Audio input : 4 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

Record Streaming

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

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

Format	NTSC FPS Total / Per Camera	PAL FPS Total / Per Camera
CIF	480 / 30	400 / 25
2CIF	240 / 15	200 / 12.5
4CIF	120 / 7.5	100 / 6.5

Playback & Storage Functions

Playback

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

Resolution	Playback Channel	NTSC	PAL
4CIF(D1)	4	120FPS	100FPS
CIF	4	480FPS	400FPS
2CIF(HD1)	4	240FPS	200FPS
4CIF(D1)	4	120FPS	100FPS

Storage

HDD Interface : SATA
HDD Port : 4 SATA Port
HDD Capacity : Maximum 2TB

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Technical Specification:

Interface & Network

Interface

Communication port : 1 x RS422, 1 x RS232
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 : External USB DVD-RW

Network

Network Port : RJ-45 Port 10/100M self adaptive.
Network Protocol : TCP / IP / DHCP / PPPOE / UDP / DDNS.
DDNS Services : 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 : 440 x 365 x 65mm (W x L x H)
Box Dimensions : 535 x 460 x 170mm (W x L x H)
Gross Weight : 8 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
Maximum Power Consumption : ⩽14W

Environment

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

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