

H.264 Digital Video Server



ACD-4413DCH Digital Video Server

Key Features:

- H.264 main profile compression algorithm for network transmission.
- Real-time live display, multiple image resolution supported: D1/ HalfD1/CIF.
- Smart video detection: motion detection, camera blank, video loss.
- Smart camera settings: privacy masking, color setting, and title display.
- Built-in HDD interface allowing installation of up to 750G HDD. Cyclic record mode (continuously overwrite the oldest data) and linear mode (stop when the database is full) supported.
- Easy backup method: USB flash disk supported.
- OSD overlapping and channel name overlapping supported in remote preview and playback.
- Pan Tilt Zoom Control: multiple protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.
- Alarm triggering screen tips, buzzer, PTZ preset, FTP upload.
- Powerful software supported: build-in web server & ExVid Central Video Management Software. Networking access for remote live viewing, recording, playback, setting, system status & event log function etc.

ACD-4413DCH Digital Video Server

Technical Specification:

Video & Audio

● Video

Video Compression : H.264 Main Profile.
 Video resolution : PAL 704 x 576 (D1), NTSC 640 x 480 (D1)
 Video Input : 4CH, BNC, 1Vp-p, 75Ω
 Compression bit rate: 20K~4Mbps , selectable.

● 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 Display & Recording

● Live Display

Compression Format: D1 / Half D1 / CIF

System	NTSC	PAL
	704 X 480	704 X 576
	704 X 240	704 X 288
	352 X 240	352 X 288

● Recording

Compression Format : CIF

System	NTSC	PAL
FPS@Resolution	: 120FPS@352 x 240	100FPS@352 x 288

Interface & Network

● Interface

Communication port: 1 x RS232, 1 X RS485.
 Alarm Input port : 4channel, constant open/closed supported.
 Alarm output port : 1 channel, relay output 30VDC 1A, 125VAC 1A.
 HDD Port : 750GB IDE Port.
 USB Port : USB 1.1.

● Network

Network Port : RJ-45 Port (10/100M).
 Network Protocol : TCP/IP, DHCP, NAT, PPPoE, HTTP.
 Remote Operation : Monitor, PTZ control, playback, system setting, file download, log information.

ACD-4413DCH Digital Video Server



Technical Specification:

Utility & Alarm

● Utility

Motion Detection : Zones: 192(16 x 12) detection zones
Sensitivity: high, middle, common Trigger recording, preset position, PTZ movement, tour, alarm, upload to center.

Video Loss : Trigger recording, PTZ movement, tour alarm, upload to center.

● Alarm

Alarm Input : 4 channel, constant open/closed supported
Trigger recording, PTZ movement, tour, alarm, upload to center.

Alarm Output : 2 channel, relay output 30VDC 1A.

Record & Backup

● Record

Recording Mode : Manual, Continuous, Motion detection, Alarm.

Overwrite Mode : Support.

Search Mode : Time/Date, mode.

● Backup

Backup Mode : USB HDD, network download.

Hard Disk Driver : 1 IDE port for up to 750G (optional).

Dimensions & Environment

● Dimension

Product Dimensions : 275mm x 220mm x 55mm (W x D x H)

Mounting : Desktop or rack

Gross Weight : 4 kg

● Environment

Power Consumption : 9W~15W

Temperature : 0°C ~ 50°C

Humidity : 20% ~ 90%RH