4CH MPEG-4 Digital Video Recorder

AVC781, 4 CH MPEG-4 real time Digital Video Recorder. It includes features such as MPEG-4 compression format, superior real time performance with 120 IPS (NTSC) / 100 IPS (PAL), USB backup function, advance motion trigger recording, and pentaplex functions. All the benefits of this product are created to secure your life every time and everywhere.
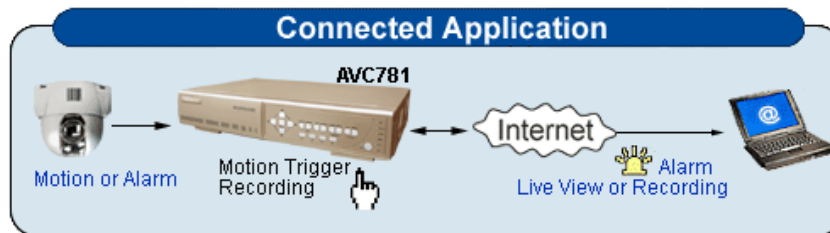
MPEG4 DVR Technology
Compression format provides crystal clear image with real time performance

Multiplex
Allow live display, record, playback, backup and network operation at the same time

Long HDD Hours
500GB HDD can record more than 60 days. (4CH, CIF Best Quality, 30IPS)

Backup Function
Backup files with USB device and network remote recording & backup

Remote Surveillance:
Remote surveillance with licensed software AP and IE browser
Web surveillance supports 5 users simultaneously
Cross-Platform Operation via IE Browser<Windows, Linux, Mac>

Intelligent Motion Trigger Recording:
With advanced motion detection function, scheduled motion detection recording (4 different adjustable factors for motion detection sensitivity) and convenient search function, customized security environment is achieved
Alarm trigger recording will send alert with images to designated e-mail and FTP address
Supports pre-alarm recording (8MB)

Covert Recording
A mask replaces the live image with a blank screen & the monitor shows nothing but recording is still on
A/V Support
Supports 2 audio-in, 1 audio-out to record sounds
Supports VGA output to monitor (optional)
General:
Support multi-language OSD
System auto recovery after power reconnected
Support daylight saving function
Support manual / timer / motion / alarm / remote recording functions
Watermark function ensures authentication of recorded images
Support TCP/IP, PPPoE, DHCP and DDNS network connection

System Specification

MODEL	AVC781
Maximum Recording Rate	Frame: 720 x 480 pixels with 30 IPS (NTSC) / 720 x 576 pixels with 25 IPS (PAL) CIF: 352 x 240 pixels with 120 IPS (NTSC) / 352 x 288 pixels with 100 IPS (PAL)
Adjustable Recording Speed	Frame: 30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL> CIF: 120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Image Quality Setting	Best, High, Normal, and Basic
Hard Disk Storage	IDE type, ATA66, supported HDD*1, support HDD capacity over 400GB
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files. 250GB under 2 seconds
Recording Mode	Manual / Timer / Motion / Alarm
Refresh Rate	120 IPS for NTSC / 100 IPS for PAL
Audio I/O	2 audio inputs, 1 audio output (Mono)
Motion Detection Area	16 x 12 grids per camera for all channels
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8MB)
USB Interface	Support USB 1.1/ 2.0 device
Backup Device	USB 1.1 / 2.0 backup device and network remote backup
Web Transmitting / Compression Format	Motion JPEG
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Web Interface	Support licensed software AP, and IE browser
Remote Alarm Notification	E-mail images, and images uploading to FTP site's specific account
Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
PTZ control	Support PELCO-D protocol
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	4 inputs, 1 output
Digital Zoom	Yes
Key Lock	Yes
Video Loss Detection	Yes
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Power Source	DC 19V
Power Consumption	< 42 W
Operating Temperature	10° C ~ 40° C (50° F~104° F)
Dimensions (mm)	343mm (W) x 59mm (H) x 223mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripheral	VGA connector