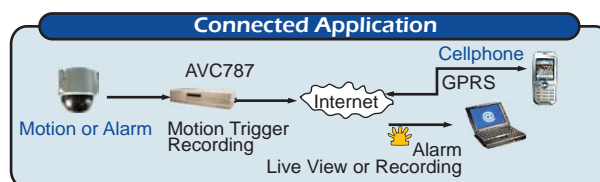# DVR AVC787 16 CH Digital Video Recorder

Overview

AVC787, 16 CH MPEG-4 real time Digital Video Recorder. It includes features such as MPEG-4 compression format, superior real time performance with 480 IPS (NTSC) / 400 IPS (PAL), longer recording time via independent disk array, 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.

Features

- MPEG-4 Compression format providing clear images with real time performance
- Backup Device: USB flash drive, network
- Alarm trigger recording will send alerts with images to designated e-mail and FTP addresses
- Supports pre-alarm recording (8MB)
- Advanced motion detection function and convenient search function.
- Allow live display, record, playback, backup, and network operations at the same time
- Support remote surveillance up to 5 online users simultaneously with licensed software AP and IE browser
- Support multi-language OSD
- 500GB can record more than 14 days (16CH, Frame Best Quality, 30IPS)

- Support covert screen for live display channels
- Support IR remote control, PTZ camera operations through
- RS-485, and PTZ Hot Point function
- Support PELCO-D protocol
  Ensure the authentication of recorded images with Watermark
- function
  Support TCP/IP, PPPoE, DHCP and DDNS network connection

Connected Application

Specification

MODEL	AVC787
Video System	NTSC / PAL (switchable)
Video Compression Format	MPEG-4
Video Input	16 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Loop Out	16 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Output	Main Monitor Output : Composite video signal 1 Vp-p 75Ω BNC
	Call Monitor Output : Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate	Frame:720 x 480 pixels with 120 IPS (NTSC) ; 720 x 576 pixels with 100 IPS (PAL)
	CIF: 352 x 240 pixels with 480 IPS (NTSC) ; 352 x 288 pixels with 400 IPS (PAL)
Adjustable Recording Speed	Frame: 120, 60, 30, 15 IPS(NTSC) ; 100, 50, 25, 12 IPS(PAL)
	CIF: 480, 240, 120, 60 IPS (NTSC) ; 400, 200, 100, 50 IPS (PAL)
Image Quality Setting	Best, High, Normal, and Basic
Hard Disk Storage	IDE type, ATA66, supported HDD*2, support each HDD capacity over 750GB
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files. 750GB under 2 seconds
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Watermark	Yes
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	Live display, Record, Playback, Backup and Network
Audio I/O	4 audio inputs, 2 audio outputs (Mono)
Motion Detection Area	16 x 12 grid per camera / 16 camera
Motion Detect Sensitivity	4 adjustable variable with precise calculation for motion detection

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Pre-alarm Recording	Yes (8MB)
USB Interface	Support USB 1.1/ 2.0 flash drives (front panel*1, back panel*1)
Backup Device	USB1.1 / 2.0 flash drives backup and network remote backup and DVD RW (optional)
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	TCP/IP, PPPoE, DHCP and DDNS
Remote Control	Remotely control DVR and PTZ cameras via IR transmitter (RS-485)
PTZ control	Support PELCO-D protocol
Dwell Time (Sequential Channel Switch)	Programmable With Adjustable Dwell Time
Alarm I/O	16 inputs, 1 output
Picture Zoom	Support 2X digital zoom function(Live mode)
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
Daylight Saving	Yes
Power Source	DC 19V
Power Consumption	< 64W
Operation Temperature	10 °C ~ 40 °C (50 °F~104 °F)
Dimension(mm)	432mm(W) x 90mm (H) x 326mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripherals	Independent disk array; VGA converter; SATA Converter

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