AV TECH

AVC783

4-CH MPEG-4 DVR

Real Time Performance~ 120 IPS (NTSC) / 100 IPS (PAL)

AV TECH is proud to lead you to the new era of Digital Video Recorder with our outstanding product ~ AVC783, 4 CH MPEG-4 real time Digital Video Recorder. We're sure that with this powerful unit, you can become the leader in your sales region to provide this 4 CH MPEG-4 DVR.

It is the best digital product that will make you to have big profit in the currently price competitive market.

We also offer the best price / performance product to you. We strongly believe that this pricing is unrivaled in the market. All the benefits of this product are created to secure your life, every time and everywhere.
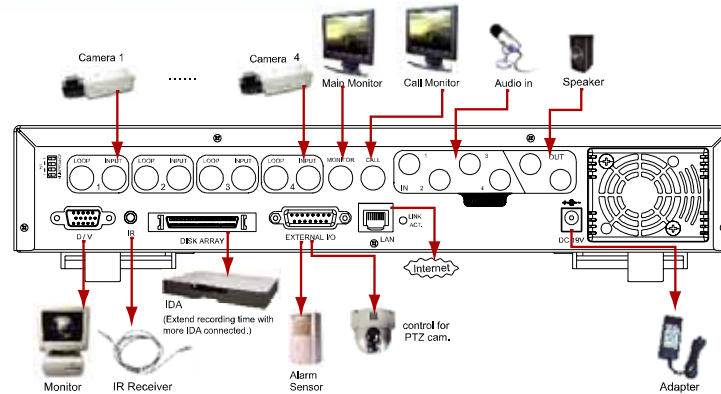
▶ FEATURES

- MPEG-4 real time compression format
- High resolution recording (For 4 channels):
  Frame: 720 × 480 pixels with 30 IPS   NTSC   /   720 × 576 pixels with 25 IPS   PAL
  CIF: 352 × 240 pixels with 120 IPS   NTSC   /   352 × 288 pixels with 100 IPS   PAL
- Image quality setting: Best, High, Normal, and Basic
- Extensive recording time by connected to Independent Disk Array.
- Remote surveillance on mobile phone via GPRS, or on PC through internet connection
- Easy file backup methods with USB, and network remote recording backup
- Alarm trigger recording will send alert with images to designated e-mail and FTP address
  Also supports pre-alarm recording (8MB)
- Advanced motion detection function (4 different adjustable factors of motion detection sensitivity) and convenient search function.
- Pentaplex functions (live display, record, playback, backup, and network)
- Web function supports MJPEG compression format for transmitting over the internet
- Web surveillance supports multiple viewers simultaneously
- Support covert screen for live view channels
- IR remote control of the system and PTZ through RS-485
- Support PELCO-D protocol
- 1 HDD base built-in, each can support more than 400GB
- Easy system upgrade via USB
- Support static IP, dynamic IP, and DHCP with DDNS function
- Support manual / timer / motion / alarm recording functions
- Record audio with 4ch in and 2ch out
- System auto recovery after power reconnected
- Optional Peripherals: independent disk array; VGA connector

CONNECTIONS

SPECIFICATION

Video System	NTSC / PAL (switch able)
Video Compression Format	MPEG 4
Video Input	4 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Loop Out	4 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 × 480 pixels with 30 IPS NTSC / 720 × 576 pixels with 25 IPS PAL CIF: 352 × 240 pixels with 120 IPS NTSC / 352 × 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 each 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
Multiplex Operation	Pentaplex functions (live display, record, playback, backup, and network)
Audio I/O	4 audio inputs, 2 audio outputs (Mono)
Motion Detection Area	16 × 12 grid per camera for all channels
Motion Detect Sensitivity	4 adjustable variable with precise calculation for motion detection
Pre-alarm recording	Yes (8MB)
Backup Device	USB1.1 Backup, and network remote recording backup
Web Transmitting Compression Format	Motion JPEG
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Mobile Surveillance	Support GPRS to access the system via mobile phone (require J2ME, MIDP2.0 protocol)
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 static IP, dynamic IP, and DHCP with DDNS function
USB Interface	Support 1 USB 1.1 ports (front panel * 1, back panel * 1)
Remote Control	Remote control DVR and PTZ via IR transmitter (RS-485)
PTZ control	Support PELCO-D protocol
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	4 inputs, 1 outputs
Picture Zoom	Support 2X digital zoom function
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
Current Consumption	42 W
Operating Temperature	10 ~ 40 (50 ~104))
Dimensions (mm)	343mm (W) × 59mm (H) × 223mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripherals	Independent Disk Array; VGA connector