



16-CH MPEG-4 DVR

FEATURES

MPEG4 DVR Technology:

- ❖ Compression format providing crystal clear images with real time performance.

Multiplex:

- ❖ Allow live display, record, playback, backup and network operation at the same time.

Long-Recording Hours:

- ❖ 500GB can record more than 4 days. (16CH, Frame Best Quality, 120IPS)
- ❖ Connect to Independent Disk Array (optional) to have more storage capacity

Backup Function:

- ❖ Backup files with USB flash drives, DVD-WRITER and network remote recording & backup

Remote Surveillance:

- ❖ Remote surveillance with the licensed software AP and IE browser
- ❖ Web surveillance supports 5 users simultaneously

Intelligent Motion Trigger Recording:

- ❖ With advanced settings for motion detection, scheduled motion detection recording (4 different adjustable factors for the motion detection sensitivity) and convenient search function, customized security environment is achieved.
- ❖ Alarm triggered recording will send alerts with images to the designated e-mails and FTP address
- ❖ Support pre-alarm recording (8MB)

Covert Recording:

- ❖ A mask replaces the live image with a blank screen, and the monitor shows nothing but recording is still on.

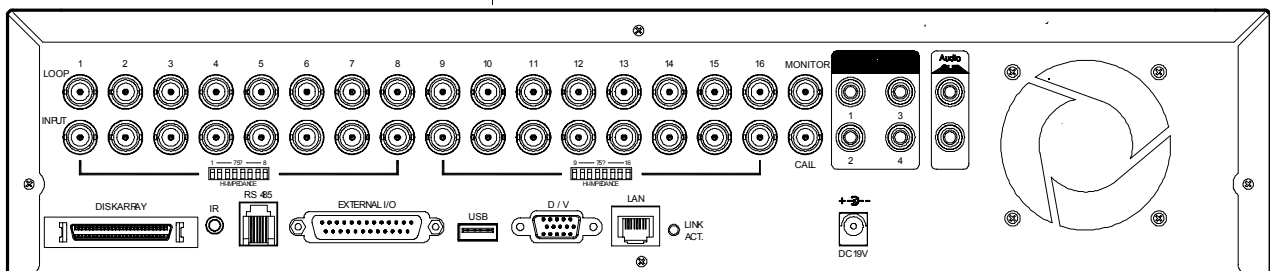
A/V Support:

- ❖ Supports 4 audio-in, 2 audio-out to record sounds
- ❖ Supports VGA output to monitor (optional)

General:

- ❖ Support multi-language OSD
- ❖ System auto recovery after power reconnected
- ❖ IR remote control for the system and PTZ cameras through RS-485
- ❖ 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

REAR PANEL



SPECIFICATION

SPECIFICATION	AVC787D
Video System	NTSC / PAL (switchable)
Video Compression Format	MPEG 4
Video Input	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
Video Loop Out	Composite video signal 1 Vp-p 75Ω BNC

SPECIFICATION	AVC787D
Maximum Recording Rate	Frame: 720 × 480 pixels with 120 IPS <NTSC> / 720 × 576 pixels with 100 IPS <PAL> CIF: 352 × 240 pixels with 480 IPS <NTSC> / 352 × 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 * 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 / 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 × 12 grids per camera for all channels
Motion Detect Sensitivity	4 adjustable variable with precise calculation for motion detection
Pre-alarm Recording	Yes (8 MB)
USB Interface	Support USB 1.1/ 2.0 flash drives (front panel * 1, back panel * 1)
Backup Device	USB1.1 / 2.0 flash drives, DVD-WRITER backup 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 Protocol	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
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	< 64 W
Operating Temperature	10°C ~ 40°C (50°F~104°F)
Dimensions (mm)	432mm (W) × 90mm (H) × 326mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripherals	Independent disk array; VGA converter

* The specification is subject to change without notice.