



AVC787D (ASV version)

16CH MPEG4 DVR



FEATURES

MPEG4 Network Transmission

- ❖ MPEG4 web transmitting compression format for faster transmission and clearer images via network.

VGA Output Support

- ❖ Built-in VGA interface to directly connect to a LCD monitor
- ❖ Output resolution up to 1600 x 1200

Multiplex Operation

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

Free Upgrade to Advanced Functions

- ❖ Allows you to upgrade DVR functions without any charges.

Backup Device

- ❖ Supports USB flash drive, DVD writer & network backup

Remote Surveillance

- ❖ Supports remote surveillance up to 20 users simultaneously with the licensed software "Video Viewer" / Internet Explorer or Mozilla Firefox web browser / QuickTime player

Intelligent Motion Trigger Recording

- ❖ R.E.T.R. (Remote Event Trigger Recording)
- ❖ Customizable security settings are achieved with the advanced motion detection, the scheduled motion detection recording (with four individually adjustable parameters), and the quick search function
- ❖ Supports pre-alarm recording (8MB)

Covert Recording

- ❖ Blank screen replaces live displays to achieve covert recording

Audio Support

- ❖ Supports 4 audio-in, 2 audio-out to record sounds

General

- ❖ Supports SATA HDDs
- ❖ Supports multi-language OSD
- ❖ Supports IR remote control & PTZ camera control
- ❖ Ensures the authentication of recorded images with the watermark function
- ❖ System auto recovery after power failure
- ❖ Supports TCP/IP, PPPoE, DHCP and DDNS network connection

SPECIFICATIONS

	<i>AVC787D (ASV version)</i>
Video System	NTSC / PAL (auto detection)
Video Compression Format	MPEG4
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 (BNC)	Main Monitor: For stable display Call Monitor: For sequence display
Video Output (VGA)	Built-in VGA interface for LCD monitor (output resolution up to 1600 x 1200)
Maximum Recording Rate	FRAME: 120 IPS @ 704×480 <NTSC> / 100 IPS @ 704×576 <PAL>
	FIELD: 240 IPS @ 704×240 <NTSC> / 200 IPS @ 704×288 <PAL>
	CIF: 480 IPS @ 352×240 <NTSC> / 400 IPS @ 352×288 <PAL>
Adjustable Recording Speed	FRAME: 120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
	FIELD: 240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>
	CIF: 480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>
Image Quality Setting	Best, High, Normal and Basic
HDD Type	SATA
HDD Storage**	One HDD (for the model with DVD writer)
HDD Quick Cleaning	Deletes HDD data efficiently (1TB within 2 seconds)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Watermark	YES
Refresh Rate	480 IPS <NTSC> / 400 IPS <PAL>
Audio I/O	4 audio-in, 2 audio-out (Mono)
Motion Detection Area	16 × 12 grids per camera for all channels
Motion Detect Sensitivity	Four adjustable variables with precise calculation for motion detection
Pre-alarm Recording	YES (8MB)
Backup Device	(1) USB Flash Drive; (2) Network; (3) DVD writer (optional)
USB Interface	Front Panel * 1
Web Transmitting / Compression Format	MPEG4
Ethernet	10/100 Base-T (Supports remote control and live view via Ethernet)
Web Interface	Licensed software "Video Viewer", Internet Explorer / Mozilla Firefox web browser, and QuickTime player * Operating System: Windows Vista / XP / 2000; Apple Mac
R.E.T.R. (Remote Event Trigger Recording)	YES

	<i>AVC787D (ASV version)</i>
Remote Alarm Notification	By Email & FTP
Network Connection	TCP/IP, PPPoE, DHCP and DDNS
PTZ Camera Control	YES (Pelco-D)
IR Transmitter	YES
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	16 inputs, 1 output
Digital Zoom	2X digital zoom
Key Lock	YES
Video Loss Detection	YES
Camera Title	Up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY
Power Source	DC 19V
Power Consumption	< 64 W
Operating Temperature	10 ~ 40 (50 ~104)
Dimensions (mm)	432(W) x 90(H) x 326(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard Controller

*The specifications are subject to change without notice

** The DVR supports one HDD capacity up to 1TB, and HDDs are optional.

*** Dimensional tolerance: ±5mm

REAR PANEL

