AVTECH
Professional Series

H.264 DVR MADE IN TAIWAN

Premium iPhone DVR
with AVTECH Exclusive Features & Technologies

AVC796AD/AVC798AD
8CH / 16CH H.264 Real-Time Network DVR
USB Mouse Control with GUI Display

H.264 Video compression technology
USB Mouse Control with GUI OSD
Intelligent Motion Recording
All-Channels Playback Simultaneously
Remote Surveillance
Remote Independent Operation
Multiplex
Backup Function
Audio / Video Support

Mouse Control	Simultaneously Playback	H.264	Long Recording Time	Real-time Playback
Cell Phone Control	Graphic OSD	iPhone Control	Google E-map	Network
Multi-Language	Independent Operation	Multiplex	PTZ Control	Motion Detection
SATA HDD	VGA output	IR Remote Control	USB Flash Drive	DVD Writer

Specification

MODEL	AVC796AD / AVC798AD
DVR	
Image Quality Setting	SUPER BEST / BEST / HIGH / NORMAL
Hard Disk Storage	Accommodates 2 SATA HDDs
	(1 HDD capacity up to 2TB)
Quick Search	Time / Motion / Alarm search mode
SATA Interface	Built-in
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Multiplex Operation	Live display / record / playback / backup /
	network operations
USB Mouse Control	YES
Motion Detection Area	16 × 12 grids per channel
Motion Detection Sensitivity	3 adjustable parameters for accurate detection
Backup Device	DVD Writer (optional) / USB 2.0 flash drive / Network
R.E.T.R. (Remote Event Trigger Recording)	YES
IR Remote Control	YES (IR receiver built-in)
PTZ Control	YES
Alarm I/O	8 inputs, 1 output（AVC796AD）
	16 inputs, 1 output（AVC798AD）
Key Lock (Password Protection)	YES
User Level	Administrator & Operator
Video Loss Detection	YES
Camera Title	Supports up to 6 letters
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY
System Recovery	System auto recovery after power failure

MODEL	AVC796AD / AVC798AD
Network	
Web Transmitting Compression Format	H.264
Ethernet	10/100 Base-T. Supports remote control and
	live view via Ethernet
Web Interface	Licensed software "Video Viewer" / Internet
	Explorer, Mozilla Firefox or Google Chrome web
	browser / QuickTime player
	(10 users access simultaneously)
	*Operating System: Windows 7 / Vista / XP / 2000
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS
Fully Remote Independent Operation	YES
Event Notification	By FTP & E-Mail
Mobile Surveillance	YES
	(Including iPhone, BlackBerry, WinCE, J2ME & Android)

MODEL	AVC796AD / AVC798AD
General	
Daylight Saving	YES
Power Source (±10%)	DC 19V
Power Consumption (±10%)	< 64 W
Operating Temperature	10℃ ~ 40℃ (50℉~104℉)
Dimensions (mm)**	432(W) × 90(H) × 326(D)
Optional Peripherals	Keyboard Controller

MODEL	AVC796AD / AVC798AD
Audio	
Audio Input / Output	4 audio inputs, 2 audio output (Mono)

MODEL		AVC796AD / AVC798AD
Video		
Video System		NTSC / PAL (auto detection)
Video Compression Format		H.264
Video Input		8 channels (Composite video signal 1 Vp-p 75Ω BNC)（AVC796AD）
		16 channels (Composite video signal 1 Vp-p 75Ω BNC)（AVC798AD）
Video Loop Output		8 channels (Composite video signal 1 Vp-p 75Ω BNC)（AVC796AD）
		16 channels (Composite video signal 1 Vp-p 75Ω BNC)（AVC798AD）
Video Output (BNC)	Main Monitor	For stable display
	Call Monitor	For sequence display
Video Output (VGA)		Built-in VGA interface for LCD monitor
Maximum Recording Rate	Frame	704 × 480 pixels with 120 IPS <NTSC> /
		704 × 576 pixels with 100 IPS <PAL>（AVC798AD）
		704×480 pixels with 60 IPS <NTSC> /
		704×576 pixels with 50 IPS <PAL>（AVC796AD）
	Field	704 x 240 pixels with 240 IPS <NTSC> /
		704 × 288 pixels with 200 IPS <PAL>（AVC798AD）
		704x240 pixels with 120 IPS <NTSC> /
		704×288 pixels with 100 IPS <PAL>（AVC796AD）
	CIF	352 × 240 pixels with 480 IPS <NTSC> /
		352 × 288 pixels with 400 IPS <PAL>（AVC798AD）
		352×240 pixels with 240 IPS <NTSC> /
		352×288 pixels with 200 IPS <PAL>（AVC796AD）
IPre-alarm Recording		YES
Picture Zoom		2X digital zoom
Video Adjustable		Hue / Saturation / Contrast / Brightness

Optional accessories

PTZ Controller

PTZ Color Camera

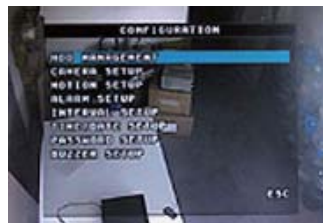**DVD - RW**

AVTECH
Made in Taiwan

Features

Easy USB mouse control with GUI on-screen display (OSD)

‣ On the basis of easy and userfriendly experiences, the GUI OSD interface is provided and used with your USB mouse.
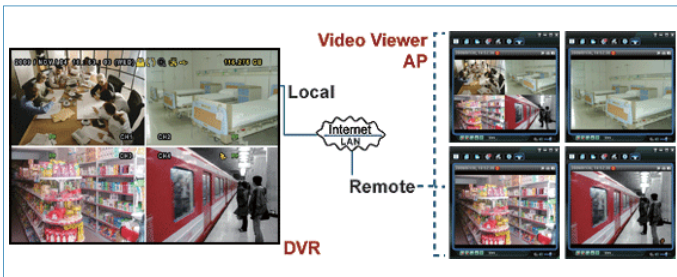
AVTECH H.264 DVR
friendly Interface by mouse control

OTHER H.264 DVR
Not so user-friendly caused by hardware limit

Fully Remote Independent Operation

‣ Channel switching & video playback are fully independent from the local site, allowing supervisors to have private image monitoring remotely.

Remote Surveillance

‣ Mobile surveillance via our self-developed and free program, "EagleEye", is supported on many popular mobile platforms, such as iPhone, BlackBerry, WinCE and 3GPP.

iPhone　　**BlackBerry**　　**WinCE**

R.E.T.R (Remote Event Trigger Recording)

‣ When there's a motion or alarm event and Remote Event Trigger Recording is enabled, the event recording data will also be saved to the specified path on your PC at the same time.

Independent event-triggered recording

‣ With AVTECH's accurate event-triggered recording for single channel, users will not miss any important event and can have the maximized recording time. As for the other brand's DVR, its event-triggered recording accuracy is not satisfactory or even not supported, consuming a significant amount of hard disk space for event recording.
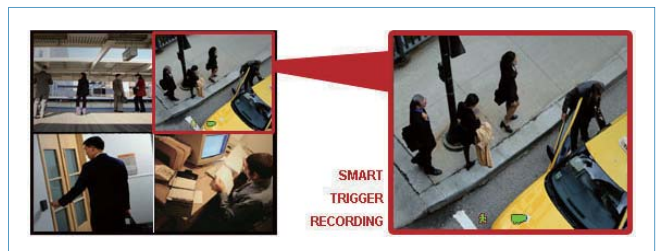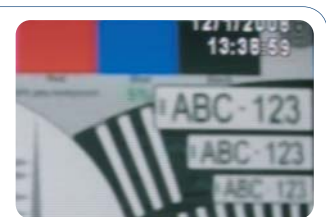
H.264 Video Compression Technology

‣ **The Best Video Playback Quality**
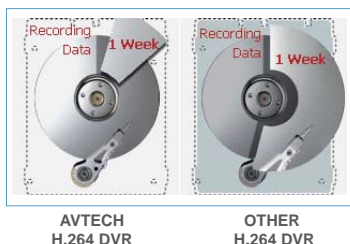The recording picture quality is very similar to live image.

AVTECH H.264 DVR　　　　**OTHER H.264 DVR**

Long Recording Time

Compared with other brand's H.264 DVR, based on the same image quality level, the recording file size is 50% smaller, and the reco-rding time is doubled.
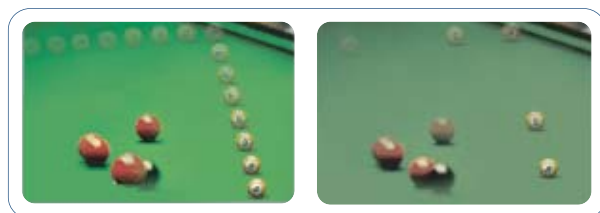

AVTECH H.264 DVR   **OTHER H.264 DVR**

Fluent Real-time Video Playback

The video playback is fluent without anypicture loss.

AVTECH H.264 DVR   **OTHER H.264 DVR**

Free CMS Software

- Our self-developed powerful Central Management System software, CMS, is provided without any charge for simult-aneous control & management of 16 network devices.

G-Mail Server Notification Support

- Email notification settings support SSL encryption required by popular Email service providers, such as Google, to transmit data and information back and forth securely between two applications.

Mouse-Click Hot Point

- **Center the target**
  Lock the target you want by a mouse-click.
  The surveillance area is repositioned with the point you clicked in the center.

- **Zoom in on the target**
  Lock the target area by dragging a frame with your mouse.
  The selected surveillance area will be zoomed in on the screen.

All-Channels Playback Simultaneously

- Supports all-channels playback simultaneously to quickly preview what happened in each channel.

Multiplex

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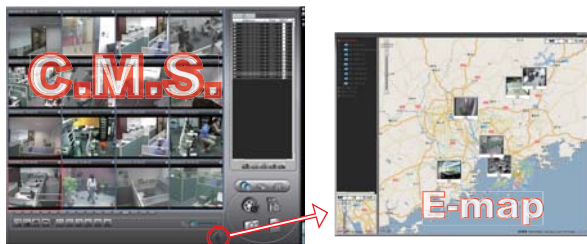
Backup Function

- Supports USB flash drive and network backup.
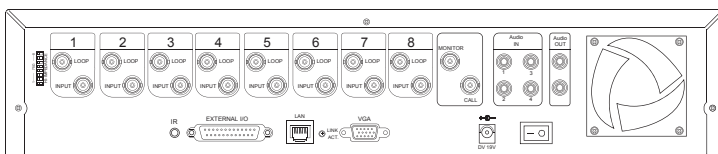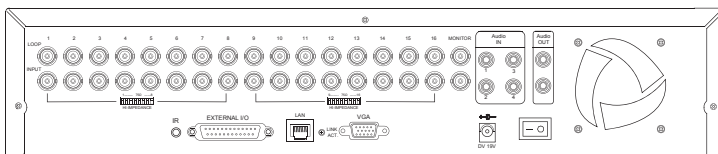
Audio / Video Support

- 4 audio-in, 2 audio-out to record sounds.
- VGA interface built-in.

Rear Panel

AVC796AD 8CH H.264 DVR USB Mouse Control with GUI Display

AVC798AD 16CH H.264 DVR USB Mouse Control with GUI Display