AVTECH

AVC798
AVC798D

16CH Real-Time H.264 Network DVR

● Features

➢ **H.264 Video Compression Technology**
- Highly improves video quality for live, recording, and network
- Recording file size is minimized for longest recording time
- Lower bit rate required for fastest network transfer

➢ **Long Recording Time**
- The recording time is greatly extended with the smart recording design that only the motion-triggered channel will be recorded, and the video loss channel won't be recorded

➢ **VGA Output**
- Built-in VGA interface
- Output resolution up to 1600 x 1200

➢ **Multiplex Operation**
Allows users to operate live display / playback, recording, backup, and network simultaneously

➢ **Audio Recording**
Supports four audio inputs and two audio outputs

➢ **Quick Search**
Supports time search, event (motion-triggered recording) search and alarm search

➢ **Easy Backup**
Supports USB flash drive, DVD writer (optional), and network for easy backup

➢ **Easy Playback on PC**
All the backup files can be played directly on your computer by Windows Media Player, and there is no need to install any software

➢ **User-friendly OSD**
Graphical & multi-language OSD makes operation easier and more user-friendly

➢ **Remote Independent Operation**
Changing of live view on the remote side is independent from the local site

➢ **Central Management System**
Supports Central Management System function for remote surveillance to monitor up to 16 different IP addresses easily

➢ **Low Cost Network Setup**
Supports dynamic IP for users with limited budget

➢ **Easy and Free Upgrade**
Releases new firmware for free upgrade to advanced functions, and the upgrade can be completed via USB flash drive or network

➢ **Others**
Supports Frame / Field / CIF resolution for recording
Supports SATA HDDs
Supports Pelco-D & Pelco-P for speed dome control
Supports day-light saving
Supports covert recording
Supports IR remote control
Supports auto recovery after power failure
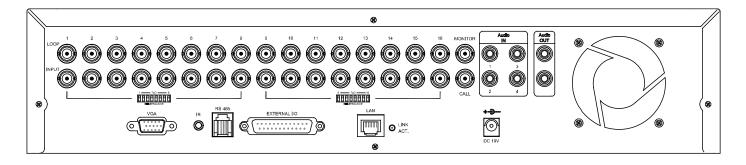Supports watch dog function after network disconnection

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● **Specifications**

MODEL		AVC798	AVC798D
Video System		NTSC / PAL (auto detection)	
Video Compression Format		H.264	
Video Input		16 Channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Loop Output		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)**	
Audio Input		4 Channels (Mono)	
Audio Output		2 Channel (Mono)	
Multiplex Operating		Supports live display, recording, playback, backup, and network simultaneously	
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 @ 360×240 <NTSC> / 400 IPS @ 360×288 <PAL>	
Recording Mode		Manual / Timer / Motion / Alarm / Remote	
Recording Quality Options		Super Best, Best, High & Normal	
Pre-alarm Recording		YES (8 MB)	
HDD Type		**SATA**	
HDD Storage**		Up to two HDDs	
Quick Search		Time / Motion / Alarm search mode	
USB Flash Drive Backup		YES	
DVD Writer Backup		NO	YES
Playback on PC		Windows Media Player compatible	
Network Transfer Format		H.264	
Ethernet		10/100 Base-T	
Network Protocol		TCP/IP, PPPOE, DHCP and DDNS (Dynamic IP)	
Network Surveillance Interface		Licensed software "Video Viewer" / Internet Explorer or Mozilla Firefox web browser / QuickTime player	
Remote Independent Operation		YES	
Network Alarm Notification		E-mail and FTP server	
CMS (Central Management System)		YES (Maximum: 16 different IP addresses)	
Operating System for Network Function		Windows Vista / XP / 2000; Apple MAC	

MODEL	AVC798	AVC798D
IR Remote Control	YES	
Multilingual OSD	YES	
Motion Detection Area	16 × 12 grids per channel	
Motion Detection Sensitivity	Four adjustable parameters for accurate detection	
PTZ Camera Control	YES (Pelco-D & Pelco-P)	
External Alarm	16 inputs, 1 output	
Picture Zoom	2X digital zoom	
Key Lock (Password Protection)	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	
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)	
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**