



AVC790

4CH 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

Multiplex

- ❖ 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 Function

- ❖ Supports USB flash drive and network backup

Remote Surveillance

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

Intelligent Motion Trigger Recording

- ❖ Customizable security settings are achieved with the advanced motion detection, the scheduled motion detection recording (with 1 adjustable parameter), and the quick search function
- ❖ Supports pre-alarm recording (8MB)

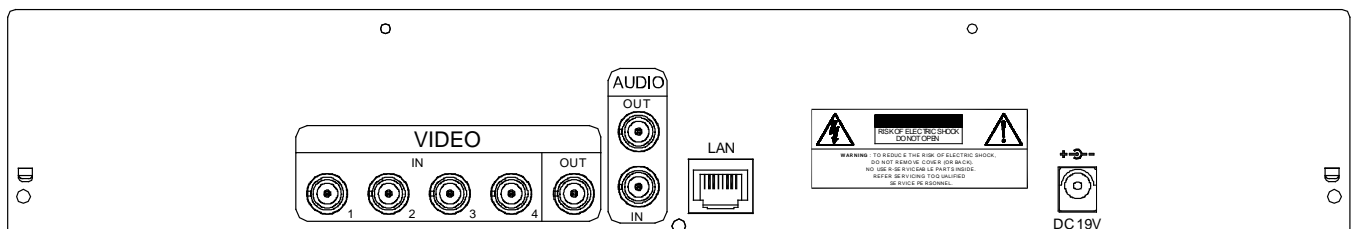
A/V Support

- ❖ Supports 1 audio-in, 1 audio-out to record sounds
- ❖ (Optional) Supports VGA output with VGA converter

General

- ❖ Supports multi-language OSD
- ❖ Supports SATA HDD (SATA interface built-in)
- ❖ Supports remote control and live view via Ethernet
- ❖ System auto recovery after power failure
- ❖ Supports manual / timer / motion / remote recording
- ❖ Supports TCP/IP, PPPoE, DHCP and DDNS network connection

REAR PANEL



SPECIFICATIONS

Video System	NTSC / PAL (auto detection)
Video Compression Format	H.264
Video Input	4 channels (composite video signal 1 Vp-p 75Ω BNC)
Video Output	Main Monitor Output: for stable display
Audio Input/Output	1 audio input, 1 audio output (Mono)
Maximum Recording Rate (Frame)	704x480 pixels with 30 IPS <NTSC> / 704x576 pixels with 25 IPS <PAL>
Maximum Recording Rate (CIF)	352x240 pixels with 120 IPS <NTSC> / 352x288 pixels with 100 IPS <PAL>
Multilingual OSD	YES
Image Quality Setting	Super Best, Best, High and Normal
Hard Disk Storage	Accommodates 1 SATA HDD (capacity up to 1TB)
SATA Interface	Built-in
Quick Search	Time search mode
Recording Mode	Manual / Timer / Motion / Remote
Multiplex Operation	Live display / record / playback / backup / network operations
Motion Detection Area	3 pre-defined areas selectable
Motion Detection Sensitivity	One parameter with four sensitivity levels (High / Normal / Low / Off)
Pre-alarm Recording	YES (8 MB)
Backup Device	USB 2.0 flash drive / 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 or Mozilla Firefox web browser / QuickTime player (20 users access simultaneously) *Operating System: Windows Vista / XP / 2000; Apple Mac
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS
Picture Zoom	2X digital zoom (Live & Playback)
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Supports up to 6 letters
Video Adjustable	Hue / Saturation / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Daylight Saving	YES
Power Source (±10%)	DC 19V
Power Consumption (±10%)	< 42 W
Operating Temperature	10°C ~ 40°C (50°F ~104°F)
Dimensions (mm)**	343(W) x 59(H) x 223(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	VGA Converter

*The specifications are subject to change without notice.

** Dimensional tolerance: ±5mm