



AVC792 4CH H.264 Network DVR

Optimize Video Quality and Minimize File Size with innovative H.264 Compression Technology

- H.264 format for recording and network transfer
- Supports real-time playback under CIF
- Supports FRAME/FIELD/CIF resolutions
- Supports SATA HDD Directly
- Supports external USB HDD for easy backup
- Built-up VGA output (up to 1680 x 1050)
- Graphical & Multilingual OSD



Overview

AVC792 is our 4CH H.264 DVR. With innovative H.264 technology utilized, AVC792 presents customers high-quality playback and live-similar network transfer. What's more, we support playback for 4 channels simultaneously, which means you can get the overview of all your environments to get full pictures. What is more, AVC792 supports easy backup via DVD writer (AVC792D only), USB flash drive backup and all the external USB-interfaced devices. We sincerely invite you to log in our live demo site to experience its performance via remote surveillance.

AVC792 Features:

- H.264 Video Compression Technology
 - > At the local site, the file size is minimized and the record time is lengthened
 - > At the remote site, with the features of small file size and low bit rate, it will be more adaptive to different kinds of network environment compared with conventional codec designs
- Graphical & Multi-language OSD
- Remote Independent Operation
 - Allows single-channel viewing of live displays without changing display settings on the licensed software AP provided
- Free Upgrade to Advanced Functions
 - Allows you to upgrade DVR functions without any charges
- Multiplex Operation
 - Allows live display, record, playback, backup, and network operations at the same time
- Excellent Image Quality and Performance
 - The CIF image quality is excellent for clear and detailed image
- Intelligent Motion Trigger Recording
 - > R.E.T.R. (Remote Event Trigger Recording)
 - > Activates event recording automatically when alarm is triggered, and send alerts with images to designated e-mails / FTP address
 - > Customizable security settings are achieved with the advanced motion detection, the scheduled motion detection recording (with 4 individually adjustable parameters), and the quick search function
 - > Supports pre-alarm recording (8MB)
- Backup Devices
 - Supports USB 2.0 flash drive, USB HDD, DVD writer (AVC792D only), and network
- Remote Surveillance
 - Supports remote surveillance up to 20 users simultaneously with licensed software AP, IE browser and Mozilla Firefox browser
- Covert Recording
 - Blank screen replaces live displays to achieve covert recording
- A/V Support
 - > Supports 4 audio-in, 1 audio-out
 - > Supports VGA output to monitor (VGA interface built-in)
- General
 - > Supports SATA HDDs
 - > Supports IR remote controller and keyboard controller
 - > System auto recovery after power failure
 - > Supports PTZ camera operations through RS-485, and PTZ Hot Point function
 - > Supports daylight saving function
 - > Supports manual / timer / motion / alarm / network recording
 - > Supports TCP/IP, PPPoE, DHCP and DDNS network connection



AVC792 Specifications:

Model	AVC792	AVC792D
Video System	NTSC / PAL (auto detection)	
Video Compression Format	H.264	
Video Input	4 Channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Loop Output	4 Channels (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	
Maximum Recording Rate (Frame)	720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL>	
Maximum Recording Rate (Field)	720×240 pixels with 60 IPS <NTSC> / 720×288 pixels with 50 IPS <PAL>	
Maximum Recording Rate (CIF)	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>	
Adjustable Recording Speed (Frame)	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>	
Adjustable Recording Speed (Field)	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>	
Adjustable Recording Speed (CIF)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	
Multilingual OSD	YES	
Image Quality Setting	Best, High, Normal, and Basic	
Hard Disk Storage (over 1000GB) * HDDs are optional.	Accommodates 2 SATA HDDs	Accommodates 1 SATA HDDs
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (1000GB under 2 seconds)	
Recording Mode	Manual / Timer / Motion / Alarm / Remote	
Refresh Rate	120 IPS for NTSC / 100 IPS for PAL	
Multiplex Operation	live display, record, playback, backup and network	
Remote Independent Operation	YES	
Audio I/O	4 audio inputs, 1 audio output (Mono)	
R.E.T.R.	YES	
Motion Detection Area	16 × 12 grids per camera for all channels	
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection	
Pre-alarm Recording	Yes (8 MB)	
Backup Device	1. USB 2.0 flash drive; 2. Network 3. USB HDD	1. USB 2.0 flash drive; 2. Network 3. USB HDD 4. dvd Writer
USB Interface	Front panel * 1	
SATA Interface	YES	
VGA Interface	Built-in	
Web Transmitting Compression Format	H.264	
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet	
Web Interface	licensed software AP, IE browser and Mozilla Firefox browser *Operating System: Windows 2000 / XP / Vista	
Remote Alarm Notification	Email and FTP server	
Network Protocol	TCP/IP, PPPoE, DHCP and DDNS	
IR Transmitter	YES	
PTZ Control	YES	
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time (3, 5, 10, 15 sec.)	
Alarm I/O	4 inputs, 1 output	
Picture Zoom	2X digital zoom	
Key Lock	YES	
Video Loss Detection	YES	
Camera Title	Supports 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)	375(W) × 61 (H) × 281 (D)	
System Recovery	System auto recovery after power failure	
Optional Peripherals	Keyboard controller	