



AVC796

AVC796D



8CH 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

● Specifications

| MODEL | | AVC796 | AVC796D |
|---------------------------------------|--------------|--|---------|
| Video System | | NTSC / PAL (auto detection) | |
| Video Compression Format | | H.264 | |
| Video Input | | 8 Channels (Composite video signal 1 Vp-p 75Ω BNC) | |
| Video Loop Output | | 8 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 | 60 IPS @ 704×480 <NTSC> / 50 IPS @ 704×576 <PAL> | |
| | FIELD | 120 IPS @ 704×240 <NTSC> / 100 IPS @ 704×288 <PAL> | |
| | CIF | 240 IPS @ 360×240 <NTSC> / 200 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 | |
| IR Remote Control | | YES | |

| MODEL | AVC796 | AVC796D |
|--------------------------------|---|---------|
| 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 | 8 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°C ~ 40°C (50°F~104°F) | |
| 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

