AVD717HD

MPEG4 DVR (16CH)

● **Features**

◎ **MPEG4 Technology**
- MPEG4 Compression format providing crystal clear images with real time performance
- MPEG4 web transmitting for faster transmission and clearer images via network

◎ **Graphical and Multilingual OSD Interface**

◎ **Remote Independent Operation**
- Allows single-channel viewing of live displays without changing display settings on the licensed software AP provided

◎ **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)

◎ **Huge Storage Capacity (Up to 1.5TB storage capacity)**
- Up to 3 HDDs, or 2 HDDs + independent disk array.

◎ **Excellent CIF Image Quality and Performance**
- The CIF image quality is highly improved for more clear and detailed image

◎ **Multiplex operation**
- Allows live display, record, playback, backup, and network operations at the same time

◎ **Backup function**
- Supports DVD writer (optional), USB 2.0 flash drive and network backup

◎ **Remote surveillance**
- Supports remote surveillance up to 5 users simultaneously via the licensed software AP & IE web browser

◎ **Free upgrade to advanced functions**
- Allows you to upgrade DVR functions without any charges

◎ **Covert recording**
- Blank screen replaces live displays to achieve covert recording

◎ **A/V support**
- Supports 4 audio-in, 1 audio-out to record sounds
- Supports VGA output to monitor (optional)

◎ **General**
- Supports IR remote control, PTZ camera operations through RS-485, and PTZ Hot Point function
- Supports system auto recovery after power failure and auto video system detection (NTSC / PAL)
- Ensures the authentication of recorded images with watermark function
- Supports TCP/IP, PPPOE, DHCP and DDNS network connection

● Specification

Specification	AVD717HD
Video System	NTSC / PAL (auto detection)
Video Compression Format	MPEG4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	16 Channels
Video Loop Output (Composite video signal 1 Vp-p 75Ω BNC)	16 Channels
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 120 IPS <NTSC> / 720×576 pixels with 100 IPS <PAL>
Maximum Recording Rate (Field)	720×240 pixels with 240 IPS <NTSC> / 720×288 pixels with 200 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 480 IPS <NTSC> / 352×288 pixels with 400 IPS <PAL>
Adjustable Recording Speed (Frame)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Adjustable Recording Speed (Field)	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>
Adjustable Recording Speed (CIF)	480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>
Multilingual OSD	**YES**
Image Quality Setting	Best, High, Normal, and Basic
Hard Disk Storage **(IDE type, ATA66) (Over 750GB)**	**Accommodate 3 HDDs*, or 2 HDDs plus independent disk array*** *** HDDs and disk arrays are optional.**
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (750GB under 2 seconds)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Watermark	YES
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	**Live display, record, playback, backup, and network operations**
Remote Independent Operation	**YES**
Audio I/O	4 audio inputs, 2 audio outputs (Mono)
R.E.T.R. **(Remote Event Trigger Recording)**	**YES**

Specification	AVD717HD
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. DVD writer (optional)**
USB Interface	Front panel * 1
Web Transmitting Compression Format	**MPEG4**
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	Support licensed software AP and IE browser (5 users simultaneously) *Operating System: Windows 2000 and Windows XP
Remote Alarm Notification	Email images, and upload images to FTP site's specific account
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	16 inputs, 1 output
Picture Zoom	2X digital zoom
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Support 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℃ ~ 40℃ (50℉~104℉)
Dimensions (mm)	432mm (W) × 90mm (H) × 326mm (D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Independent disk array, VGA converter, SATA converter, Keyboard Controller

* The specifications are subject to change without notice.

● Rear Panel