

# AVD715HD

## MPEG4 DVR (8CH)



### ● 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

- Support 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	AVD715HD
Video System	NTSC / PAL (auto detection)
Video Compression Format	MPEG4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	8 Channels
Video Loop Output (Composite video signal 1 Vp-p 75Ω BNC)	8 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 60 IPS <NTSC> / 720×576 pixels with 50 IPS <PAL>
Maximum Recording Rate (Field)	720×240 pixels with 120 IPS <NTSC> / 720×288 pixels with 100 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 240 IPS <NTSC> / 352×288 pixels with 200 IPS <PAL>
Adjustable Recording Speed (Frame)	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>
Adjustable Recording Speed (Field)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Adjustable Recording Speed (CIF)	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>
<b>Multilingual OSD</b>	<b>YES</b>
Image Quality Setting	Best, High, Normal, and Basic
<b>Hard Disk Storage (IDE type, ATA66) (Over 750GB)</b>	<b>Accommodate 3 HDDs*, or 2 HDDs plus independent disk array*</b> <b>* HDDs and disk arrays are optional.</b>
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	240 IPS for NTSC / 200 IPS for PAL
<b>Multiplex Operation</b>	<b>Live display, record, playback, backup, and network operations</b>
<b>Remote Independent Operation</b>	<b>YES</b>
Audio I/O	4 audio inputs, 2 audio outputs (Mono)
<b>R.E.T.R. (Remote Event Trigger Recording)</b>	<b>YES</b>

Specification	AVD715HD
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)
<b>Backup Device</b>	<b>1. USB 2.0 flash drive; 2. Network; 3. DVD writer (optional)</b>
USB Interface	Front panel * 1
<b>Web Transmitting Compression Format</b>	<b>MPEG4</b>
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	8 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°C ~ 40°C (50°F~104°F)
Dimensions (mm)	432mm (W) × 90mm (H) × 326mm (D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Independent disk array, VGA converter, SATA connector, Keyboard Controller

\* The specifications are subject to change without notice.

## ● Rear Panel

