

# AVD744D

## 4CH H.264 IVS DVR

### USB Mouse Control with GUI Display



## FEATURES

### USB Mouse Control with GUI OSD

- ☒ The GUI OSD interface is provided and used with your USB mouse.

### DVR / Camera Communication System (DCCS)

- ☒ For PTZ or zoom-lens control cameras, there's no need to additionally connect RS485 control wires for camera control because the control signals can be transferred by coaxial cables directly.
- ☒ Camera installation is highly simplified to lower labor cost and working hours.

### iPhone Push Notification

- ☒ Supports sending Push Notification to your iPhone for instant event notification when a man is detected (human detection).

### Intelligent Surveillance

- ☒ **Virtual Fence**  
A virtual intruder detection line is set to detect intruders crossing the detection line.
- ☒ **Flow Counting**  
A virtual detection line is set to detect the moving direction of pedestrians for flow counting.
- ☒ **Single Channel Motion Recording**  
Only the channel with an event will be recorded to effectively save a significant amount of hard disk space and have the maximized recording time.
- ☒ Supports pre-alarm recording.

### Remote Surveillance

- ☒ Mobile surveillance via our self-developed and free program, "EagleEyes", is supported on many popular mobile platforms, such as iPhone, BlackBerry, Win Mobile & Symbian.
- ☒ Network surveillance via the licensed software "Video Viewer", Internet Explorer, Mozilla Firefox or Google Chrome web browser, and QuickTime player is supported with up to 10 users' login simultaneously.

### Remote Independent Operation

- ☒ Channel switching & video playback are fully independent from the local site, allowing users to have private image monitoring remotely.

### 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.

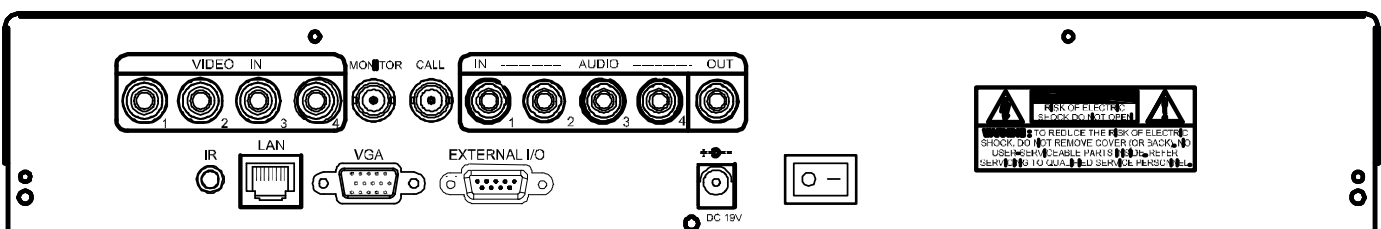
### Backup Function

- ☒ Supports DVD writer (optional), USB flash drive and network backup.

### Audio / Video Support

- ☒ 4 audio-in, 1 audio-out to record sounds.
- ☒ VGA interface built-in.

## 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 (BNC)	Main Monitor	For stable display	
	Call Monitor	For sequence display	
Video Output (VGA)		Built-in VGA output for LCD monitor	
Audio Input / Output		4 audio inputs, 1 audio output (Mono)	
Multiplex Operating		Supports live display, recording, playback, backup, and network simultaneously	
Maximum Recording Rate	Frame	704×480 pixels with 30 IPS <NTSC> / 704×576 pixels with 25 IPS <PAL>	
	Field	704×240 pixels with 60 IPS <NTSC> / 704×288 pixels with 50 IPS <PAL>	
	CIF	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>	
DCCS Support		YES (All channels)	
Recording Mode		Manual / Timer / Motion / Alarm / Remote	
Recording Quality Options		Best, High, Normal and Basic	
Pre-alarm Recording		YES (8 MB)	
HDD Type		SATA	
HDD Storage		With DVD Writer Model: Accommodates 1 SATA HDD (1 HDD capacity up to 2TB)	Without DVD Writer Model: Accommodates 2 SATA HDDs (1 HDD capacity up to 2TB)
Quick Search		Time / Motion / Alarm search mode	
Backup Device		DVD writer (optional) / USB flash drive / network	
Web Transmitting Compression 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, Mozilla Firefox or Google Chrome web browser / QuickTime player (10 users access simultaneously)	
		*Operating System: Windows 7 / Vista / XP / 2000	
Remote Independent Operation		YES	
Event Notification		By FTP & E-Mail	
R.E.T.R. (Remote Event Trigger Recording)		YES	
IR Remote Control		YES	
Mobile Surveillance		YES	
Motion Detection Area		16 × 12 grids per channel	
Motion Detection Sensitivity		4 adjustable parameters for accurate detection	
PTZ Control		YES	
External Alarm		4 inputs, 1 output	
Picture Zoom		2X digital zoom	
Key Lock (Password Protection)		YES	
User Level		Administrator & Operator	
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	
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)**		375 (W) × 61 (H) × 281 (D)	
System Recovery		System auto recovery after power failure	
Optional Peripherals		Keyboard controller	

\*The specifications are subject to change without notice

\*\* Dimensional tolerance: ±5mm