

AVD744(D)

4CH H.264 IVS DVR

USB Mouse Control with GUI Display



FEATURES

Remote Surveillance

- ❖ Mobile surveillance via our self-developed and free program, "EagleEyes", is supported on many popular mobile platforms, such as iPhone, BlackBerry, Windows 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.

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.

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.

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.

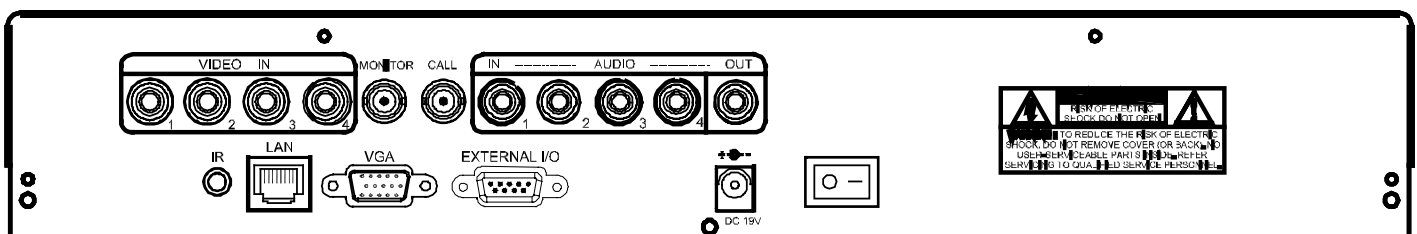
Backup Function

- ❖ 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

Product Model	AVD744D		AVD744
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)		
IVS Support	YES (4 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		
Network Live Audio	YES		
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 ~ 40 (50 ~104)		
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