



# AVD744C(D)



**Full D1 4CH H.264 IVS DVR**  
**USB Mouse Control with GUI Display**



## FEATURES

### Mobile Surveillance with EagleEyes

- ❖ Compatible with many popular mobile platforms, such as iPhone, BlackBerry, Windows Mobile, Symbian & Android.

### Remote Surveillance with Browsers and CMS

- ❖ For web browsers, compatible with Internet Explorer, Mozilla Firefox, Google Chrome, Apple Safari & Opera.
- ❖ For CMS software, available with our self-developed and free software, "Video Viewer".
- ❖ Applicable also to Apple's media player, QuickTime.

### iPhone Push Notification (worked with AVM602V)

- ❖ 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.

### 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.

### Full D1 Recording

- ❖ Full D1 at real-time record on all channels.

### Fully Remote Independent Operation

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

### High Performance Design

- ❖ Definable "Resolution" / "Quality" / "IPS" by channels at your preferences to increase the recording efficiency, and avoid any important scenes to be missed.

### Video Output

- ❖ Supports video output for both composite & VGA simultaneously.
- ❖ Support VGA resolution output up to 1600 x 1200.

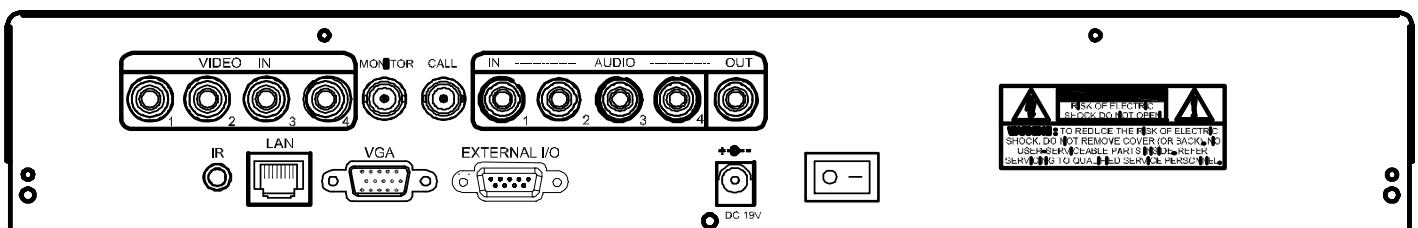
### Multiplex

- ❖ Allows live display, record, playback, backup and network operation at the same time.

### Backup Function

- ❖ Supports USB flash drive and network backup.

## REAR PANEL





## SPECIFICATIONS

		<b>AVD744C</b>	<b>AVD744CD</b>
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 (Output resolution up to 1600 x 1200)	
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 120 IPS <NTSC> / 704×576 pixels with 100 IPS <PAL>	
	Field	704×240 pixels with 120 IPS <NTSC> / 704×288 pixels with 100 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		SUPER BEST / BEST / HIGH / NORMAL	
Pre-alarm Recording		YES (8 MB)	
HDD Type		SATA	
HDD Storage (1 HDD capacity up to 2TB)		Accommodates 2 SATA HDDs	Accommodates 1 SATA HDD
Quick Search		Time / Motion / Alarm search mode	
Backup Device		USB flash drive / network	DVD writer / 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)	
Remote Surveillance (Operating System: Windows 7 / Vista / XP)	CMS:	Our self-developed and free software, "Video Viewer"	
	Web Browser:	Internet Explorer, Mozilla Firefox, Google Chrome, Apple Safari & Opera	
	Media Player:	QuickTime	
	Max. on-line user:	10	
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		3 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 12 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