



AVD748D

16CH 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 is 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.

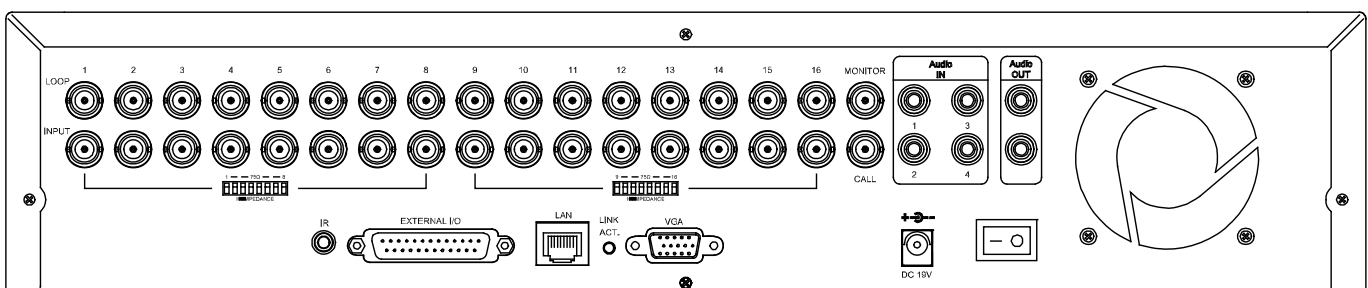
Backup Function

- ❖ Supports DVD writer, USB flash drive and network backup.

Audio / Video Support

- ❖ 4 audio-in, 2 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	16 Channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Loop Input	16 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, 2 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	704x240 pixels with 240 IPS <NTSC> / 704×288 pixels with 200 IPS <PAL>
	CIF	352×240 pixels with 480 IPS <NTSC> / 352×288 pixels with 400 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	Accommodates 2 SATA HDDs (1 HDD capacity up to 2TB)	
Quick Search	Time / Motion / Alarm search mode	
Backup Device	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)	
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	
Basic 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	16 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%)	< 64 W	
Operating Temperature	10°C ~ 40°C (50°F ~104°F)	
Dimensions (mm)**	432(W) × 90(H) × 326(D)	
System Recovery	System auto recovery after power failure	
Optional Peripherals	Keyboard controller	

*The specifications are subject to change without notice

** Dimensional tolerance: ±5mm