



# AVD748BD

## 16CH H.264 DCCS 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.

### 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.

### Basic Remote Independent Operation

- ❖ Channel switching is 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.

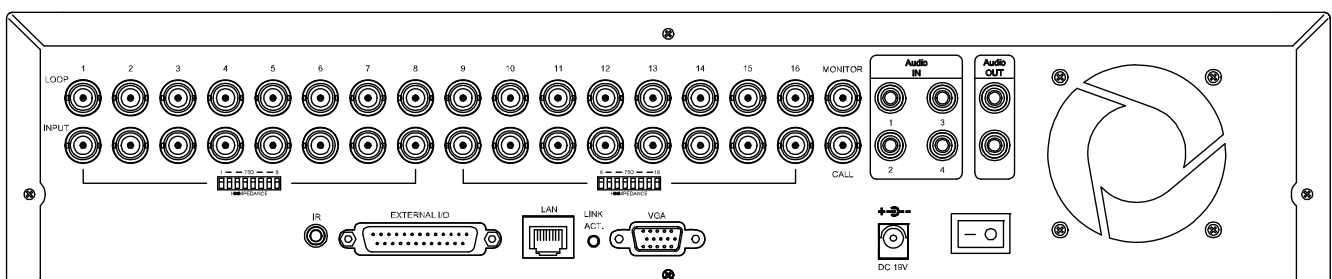
### Multiplex

- ❖ 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

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 Output	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 (Output resolution up to 1600 x 1200)	
Audio Input / Output	4 audio inputs, 2 audio output (Mono)	
Maximum Recording Rate	Frame	704x480 pixels with 120 IPS <NTSC> / 704x576 pixels with 100 IPS <PAL>
	Field	704x240 pixels with 240 IPS <NTSC> / 704x288 pixels with 200 IPS <PAL>
	CIF	352x240 pixels with 480 IPS <NTSC> / 352x288 pixels with 400 IPS <PAL>
DCCS Support	YES (All channels)	
IVS Support	YES (4 channels)	
Image Quality Setting	SUPER BEST / BEST / HIGH / NORMAL	
Hard Disk Storage	Accommodates 2 SATA HDDs (1 HDD capacity up to 2TB)	
Quick Search	Time / Motion / Alarm search mode	
SATA Interface	Built-in	
Recording Mode	Manual / Timer / Motion / Alarm / Remote	
Multiplex Operation	Live display / record / playback / backup / network operations	
USB Mouse Control	YES	
Motion Detection Area	16 × 12 grids per channel	
Motion Detection Sensitivity	3 adjustable parameters for accurate detection	
Pre-alarm Recording	YES	
Backup Device	USB 2.0 flash drive / Network	
Web Transmitting Compression Format	H.264	
Network Live Audio	YES	
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet	
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS	
Remote Independent Operation	YES	
Event Notification	By FTP / E-Mail	
R.E.T.R. (Remote Event Trigger Recording)	YES	
IR Remote Control	YES (IR receiver built-in)	
Mobile Surveillance	YES (Including iPhone, BlackBerry, Windows Mobile, & Symbian)	
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, Safari & Opera
	Media Player:	QuickTime
	Max. on-line user:	10
Picture Zoom	2X digital zoom	
PTZ Control	YES	
Alarm I/O	16 inputs, 1 output	
Key Lock (Password Protection)	YES	
User Level	Administrator & Operator	
Video Loss Detection	YES	
Camera Title	Supports up to 12 letters	
Video Adjustable	Hue / Saturation / 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