AVTECH

AVC796B

8CH H.264 DVR
USB Mouse Control with GUI Display

Cell Phone Control · USB Mouse Control · Graphical OSD

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 & Mac Safari.

❖ For CMS software, available with our self-developed and free software, "Video Viewer.

❖ Applicable also to Apple's media player, QuickTime.

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.

Intelligent 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 Independent Operation

❖ Channel switching is independent from the local site, allowing users to have private image monitoring remotely.

Multiplex

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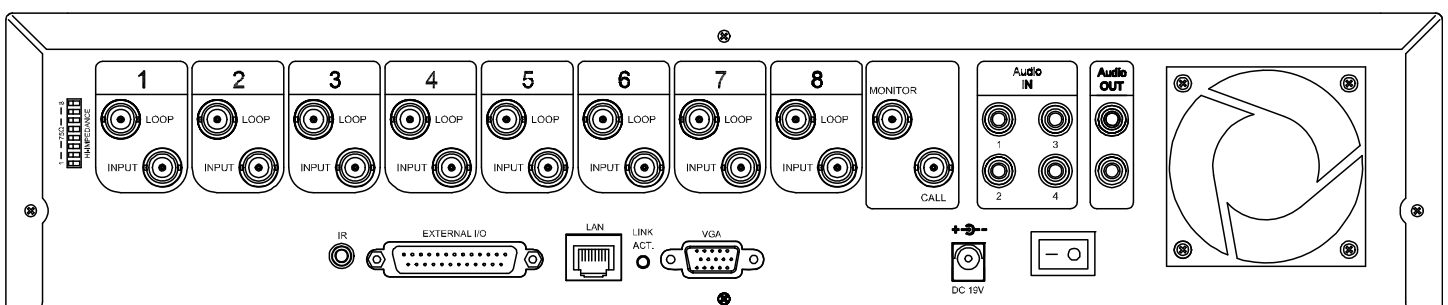
Backup Function

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

Audio / Video Support

❖ 4 audio-in, 2 audio-out to record sounds.

REAR PANEL

SPECIFICATIONS

Video System		NTSC / PAL (auto detection)
Video Compression Format		H.264
Video Input		8 channels (Composite video signal 1 Vp-p 75Ω BNC)
Video Loop Output		8 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	704×480 pixels with 60 IPS <NTSC> / 704×576 pixels with 50 IPS <PAL>
	Field	704x240 pixels with 120 IPS <NTSC> / 704×288 pixels with 100 IPS <PAL>
	CIF	352×240 pixels with 240 IPS <NTSC> / 352×288 pixels with 200 IPS <PAL>
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		DVD Writer (optional) / USB 2.0 flash drive / Network
Web Transmitting Compression Format		H.264
Ethernet		10/100 Base-T. Supports remote control and live view via Ethernet
Mobile Surveillance		YES (Including iPhone, BlackBerry, Windows Mobile, Symbian & Android)
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 & Mac Safari
	Media Player:	QuickTime
	Max. on-line user:	10
Network Protocol		TCP/IP, PPPOE, DHCP and DDNS
Remote Independent Operation		YES
Remote Event Download & Playback		YES
Event Notification		By FTP & E-Mail
R.E.T.R. (Remote Event Trigger Recording)		YES
IR Remote Control		YES (IR receiver built-in)
Picture Zoom		2X digital zoom
PTZ Control		YES
Alarm I/O		8 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℃ ~ 40℃ (50℉~104℉)
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