

FEATURES



MPEG4 DVR Technology

? Compression format providing crystal clear images with real time performance

Multiplex

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

Long-Recording Hours:

? 500GB HDD can record more than 60 days. (4CH, CIF Best Quality, 30FPS)

Backup Function:

? Backup files with USB flash drive, CD-WRITER and network remote recording & backup functions.

Remote Surveillance:

? Remote surveillance with the licensed software AP and IE browser
Web surveillance supports 5 users simultaneously

Intelligent Motion Trigger Recording:

- ? R.E.T.R. (Remote Event Trigger Recording)
- ? With advanced settings for motion detection, scheduled motion detection recording (4 different adjustable factors for the motion detection sensitivity) and convenient search function, customized security environment is achieved.
- ? Alarm triggered recording will send alerts with images to the designated e-mails and FTP address
- ? Support pre-alarm recording (8MB)

Covert Recording:

? A mask replaces the live image with a blank screen, and the monitor shows nothing but recording is still on.

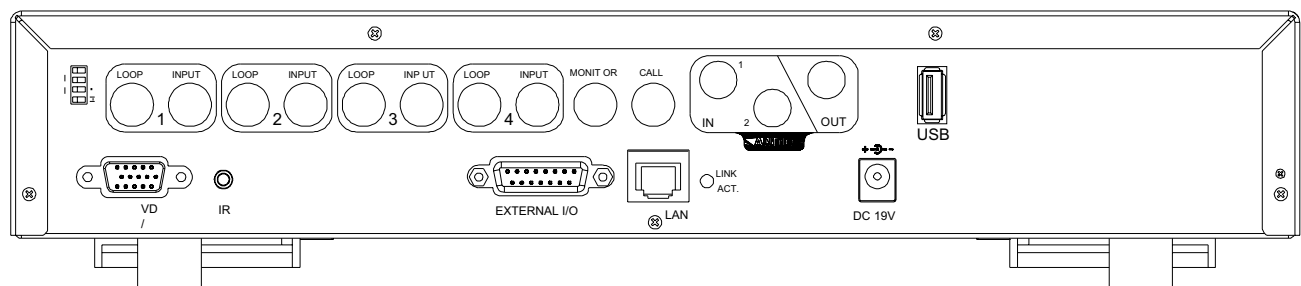
A/V Support:

- ? Support 2 audio-in, 1 audio-out to record sounds
- ? Support VGA converter (optional)

General:

- ? Support multi-language OSD
- ? System auto recovery after power reconnected
- ? Support IR remote control, PTZ camera operations through RS-485, and PTZ Hot Point function
- ? Support daylight-saving function
- ? Support manual / timer / motion / alarm / remote recording functions
- ? Watermark function ensures authentication of the recorded images
- ? Support TCP/IP, PPPoE, DHCP and DDNS network connection

REAR PANEL



SPECIFICATION

SPECIFICATION	AVC782A
Video System	NTSC / PAL (switchable)
Video Compression Format	MPEG 4
Video Input	4 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Loop Out	4 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75 Ω BNC Call Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate	Frame: 720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL> CIF: 352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Adjustable Recording Speed	Frame: 30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL> CIF: 120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Image Quality Setting	Best, High, Normal and Basic
Hard Disk Storage	IDE type, ATA66, supported HDDx1, support HDD capacity over 400GB
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files. 250GB under 2 seconds
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Refresh Rate	120 IPS for NTSC / 100 IPS for PAL
Audio I/O	2 audio inputs, 1 audio output (Mono)
Motion Detection Area	16 × 12 grids per camera for all channels
R.E.T.R. (Remote Event Trigger Recording)	Yes
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8MB)
USB Interface	Support USB 1.1/2.0 flash drive
Backup Device	Support USB 1.1/2.0 memory stick, CD-WRITER and network remote backup
Web Transmitting / Compression Format	Motion JPEG
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Web Interface	Support licensed software AP and IE browser
Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
PTZ control	Support PELCO-D protocol
IR Transmitter	Yes
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	4 inputs, 1 output
Digital Zoom	2X digital zoom (live mode)
Key Lock	Yes
Video Loss Detection	Yes
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Power Source	DC 19V
Power Consumption	<42 W
Operating Temperature	10°C ~ 40°C (50°F~104°F)
Dimensions (mm)	375mm (W) × 61mm (H) × 281mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripheral	VGA converter