

AVTECH

ADD:10 F, E Building, No. 19-11, San Chung Rd.,
Nankang, Taipei, 115, Taiwan, R.O.C.
(T) + 886 2 2655 3866 (F) + 886 2 2655 3855
(W) www.avtech.com.tw (E) marketing@avtech.com.tw

AVC782A



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.

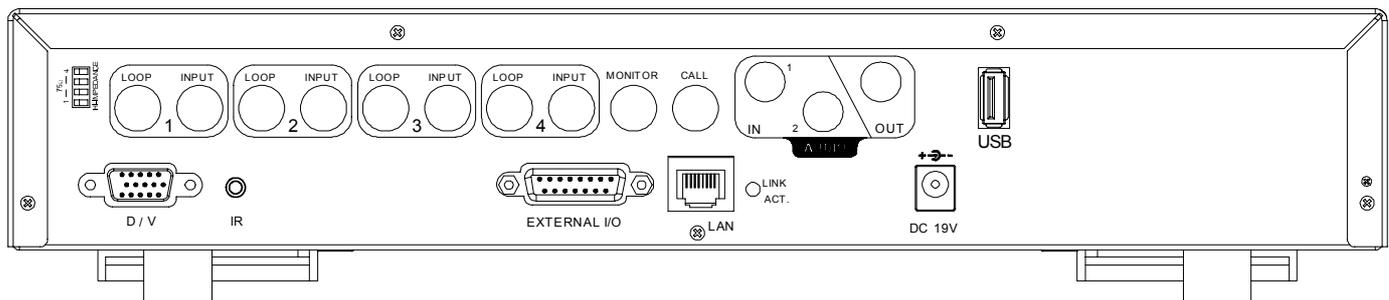
A/V Support:

- ❖ 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 75Ω 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 HDD * 1, 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