AVTECH

AVS714

4CH MPEG4 Network DVR (3G supported)

● Features

➤ **MPEG4 DVR Technology**
- MPEG4 Compression format providing crystal clear images with real time performance
- MPEG4 network transmitting format for a more fluent web transmission

➤ **Supports Mobile Surveillance and 3G Call Out Function**
- Motion or alarm trigger will send alerts with live video to the designated mobile phone

➤ **Graphical & Multi-language OSD**

➤ **Remote Independent Operation**
- Allows single-channel viewing of live displays without changing display settings on the licensed software AP provided

➤ **Free Upgrade to Advanced Functions**
- Allow you to upgrade DVR functions without any charges

➤ **Multiplex Operation**
- Allows live display, record, playback, backup, and network operations at the same time

➤ **Excellent Image Quality and Performance**
- The CIF image quality is excellent for clear and detailed image

➤ **Intelligent Motion Trigger Recording**
- R.E.T.R. (Remote Event Trigger Recording)
- Activates event recording automatically when alarm is triggered, and send alerts with images to the designated e-mails / FTP address
- Customizable security settings are achieved with the advanced motion detection, the scheduled motion detection recording (with 4 individually adjustable parameters), and the quick search function
- Supports pre-alarm recording (8MB)

➤ **Backup Function**
- Supports USB 2.0 flash drive, USB 2.0 portable drive, network & CD / DVD writer backup

➤ **Remote Surveillance**
- Supports remote surveillance up to 5 users simultaneously with licensed software AP and IE browser

➤ **Covert Recording**
- Blank screen replaces live displays to achieve covert recording

➤ **A/V Support**
- Supports 2 audio-in, 1 audio-out to record sounds
- Supports VGA output to monitor (optional)

➤ **General**
- LCD Display on the front panel
- Supports IR remote control
- System auto recovery after power failure
- Supports PTZ camera operations through RS-485, and PTZ Hot Point function
- Supports daylight saving function
- Supports manual / timer / motion / alarm / network recording
- Ensures the authentication of recorded images with watermark function
- Supports TCP/IP, PPPoE, DHCP and DDNS network connection

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● **Specifications**

	AVS714
Video System	NTSC / PAL (auto switchable)
Video Compression Format	MPEG4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	4 Channels
Video Loop Output (Composite video signal 1 Vp-p 75Ω BNC)	4 Channels
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>
Maximum Recording Rate (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>
Adjustable Recording Speed (CIF)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Mobile Surveillance	YES
Multilingual OSD	YES
Image Quality Setting	Best, High, Normal, and Basic
Hard Disk Storage	Accommodates 2 HDDs
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (750GB under 2 seconds)
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Watermark	YES
Refresh Rate	120 IPS for NTSC / 100 IPS for PAL
Multiplex Operation	live display, record, playback, backup and network
Independent Remote Operation	Yes
Audio I/O	2 audio inputs, 1 audio outputs (Mono)
R.E.T.R. (Remote Event Trigger Recording)	YES
Motion Detection Area	16 × 12 grids per camera for all channels

	AVS714
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8 MB)
Backup Device	1. USB 2.0 flash drive; 2. Network; 3. CD / DVD writer (optional)
USB Interface	front panel * 1
Web Transmitting Compression Format	MPEG4
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	licensed software AP and IE browser
Remote Alarm Notification	Email images, and upload images to FTP site's specific account
Network Protocol	TCP/IP, PPPoE, DHCP and DDNS
IR Transmitter	YES
PTZ Control	YES
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time (2, 4, 8, 16 sec.)
Alarm I/O	4 inputs, 1 output
Picture Zoom	2X digital zoom (Live / Playback)
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
Daylight Saving	YES
Power Source	DC 19V
Power Consumption	＜64 W
Operating Temperature	10℃ ～ 40℃ (50℉~104℉)
Dimensions (mm)	375(W) × 61(H) × 281(D)
System Recovery	System auto recovery after power reconnected
Optional Peripherals	VGA converter
3G(3rd Generation) Support	YES

* The specifications are subject to change without notice.

● **Rear Panel**