AHD 5MP Hybrid 4+4 Channels DVR

Main Features:

* **A**HD-5MP/4MP/3MP/1080/720P/Analog/IP-1080P/720P switchable
* **M**ax 4ch AHD + 4ch IP recording at the same time
* **O**ptional Call monitor output
* **4** channels real time recording
* **D**ual Video Streaming
* **2** ways audio capabilities.
* **1** internal SATA HDD up to 6TB
* **R**emote access through mobile phone or PDA.
* **F**ree CMS Software (10 DVR version)
* **R**emote Configuration
* **B**uild-in VGA/HDMI output

Specification

Name		ADH534C
Video	Format	IP-CAM: ONVIF Profile S, Analog: NTSC/EIA or PAL/CCIR AHD or Analog
	Input	IP-CAM: up to 4-CH 1080p/720p ; Analog: up to 4-CH AHD 5MP/4MP/3MP/1080p/720p or 960H, BNC, 1Vp-p/75ohm
	Main monitor	HDMI x 1, with resolution up to 1920x1080, VGA x 1, with resolution up to 1920x1080, BNC x 1, 1Vp-p/75ohm
	Call monitor	BNC x 1, 1Vp-p/75ohm, shared with Main monitor
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
	Privacy mask	Yes
Audio	Input	1 RCA-jack connector, line-in level (100mV-1Vrms)
	Output	HDMI, 1 RCA-jack connector, line-out level (< 1Vrms)
Record	Compression	Video: H.264, Audio: ADPCM
	Max frame rate & resolution	IP-CAM: 120/100fps@1080p/720p ; Analog: 48fps@5MP-lite,60fps@4MP-lite,80fps@3MP-lite,60fps@1080p, 120/100fps@1080p-lite/720p/960H ; Up to 40Mbps incoming bandwidth for IP-CAM
	Watermark	Yes
Display	Resolution	HDMI/VGA – up to 1920x1080, NTSC – 720*480, PAL – 720*576
	Frame rate	Up to 30/25fps per display window
Playback	Max frame rate & resolution	48fps@5MP-lite,60fps@4MP-lite,80fps@3MP-lite,60fps@1080p, 120/100fps@1080p-lite/720p/960H
	Search	Smart search, Date/time, Camera, Alarm, & Motion
Storage	HDD	1 set of SATA HDD with storage > 6TB
		Failure detection & privacy law supported
	Backup	2 USB 2.0 port, Backup files include video and player
Alarm	Input	2 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open or Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, and Motion
	Event log	Yes
Network	Ethernet	1 RJ-45 10M/100M Ethernet connector
	E-mail/Push alarm	Alarm notification to stationary or mobile devices
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, P2P
	FTP	Alarm video/audio file storage
	Audio	Two-way
	Remote users	Up to 8 users simultaneously
Control / POS / GPS	Remote Controller	Optional IR remote control (One can control up to 4 DVRs), Optional extension IR receiver cable
	RS-485	2-pin for keyboard/PTZ control
Setup	Local	On screen setup via keypad, remote controller, mouse, and/or RS-485 keyboard
	Remote	Setup & upload via Windows application software
Reliability	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Yes
	Security	Multi-level password (4 levels, up to 18 accounts)
Weights & Measures	Dimension	185(W) x 195(D) x 45(H)mm
	Weight	1.2 KG (without HDD)
Power	Source	DC 12V
	Consumption	36W Max.
Operating Temperature		0ºC ~ +40ºC

DVR
Camera
IP
Accessories

AHD 5MP Hybrid H.264 4/8/16 Channels DVR

ADH534S/ ADH538S/ ADH536S

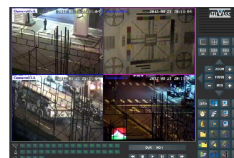**ADH536SU**
Optional DVD-RW

ADH536SUH
Optional DVD-RW

Main Features:

* **O**NVIF IP camera comparable
* **A**HD 5MP/4MP/3MP/1080/720P/Analog / IP switchable
* **B**uild in IP camera motion recording function
* **B**uild in IP PTZ control function
* **B**uild-in VGA/HDMI Output
* **B**uild in call monitor Output
* **B**uild in surge protector
* **D**ual Video Streaming
* **2** ways audio capabilities.
* **A**DH-S series can build in 1 internal SATA HDD up to 6TB
* **A**DH-SU series can build in **2** sets of 3.5" SATA HDDs, each HDD up to 6TB
* **A**DH-SUH series can build in **5** sets of 3.5" SATA HDDs, each HDD up to 6TB
* **e**SATA port for extension HDD recording (For 8/16ch DVR only)
* **3**-D de-interlace & de-noise **R**eal-time Live Display.
* **R**emote access through mobile phone or PDA.
* **F**ree CMS Software (10 DVR version)
* **E**. Map function to edit preferable display - customize your own layout of remote monitoring.
* **G**UI (mouse) operation
* **R**emote Configuration
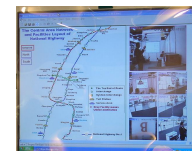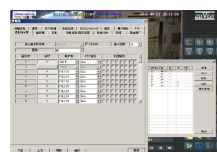* **B**uild in RS-485 for PTZ, POS, GPS control, keyboard

Advantages:

* **O**ptional DVD models: DVD+RW, DVD+R, DVD-R,Self playback for backup files (**For ADH536SUHD** Only)

* **O**ne web browser allow connection of 10 ADH Series DVR simultaneously and support up to 64 windows at same display screen.
* **I**ndependent network streaming for remote surveillance that is in highest speed without sharing the peed of streaming for recording.
* **9**/16/25/36/49/64 windows selection.

* **A**ll configurations can be done via I.E browser including camera setup, system, RS232/422/485, Network, Motion, HDD (HDD format exceptional)
* **R**emote monitoring/control up to unlimited (CMS-9099)
* **C**ustomize your own layout of remote monitoring
* **E**. Map function to edit preferable display

Specification

Model		ADH534S	ADH538S	ADH536S
System	O.S.	Embedded Linux 3.0		
	Operation	Multiplex - simultaneous record, live, playback, setup, backup, control, and remote access		
Video	Format	IP-CAM: ONVIF Profile S, Analog: NTSC/EIA or PAL/CCIR AHD or Analog		
	Input	IP-CAM: up to 4-CH 1080p/720p, Analog: up to 4-CH AHD 5MP/4MP/3MP/1080p/720p or 960H, BNC, 1Vp-p/75ohm	IP-CAM: up to 8-CH 1080p/720p, Analog: up to 8-CH AHD 5MP/4MP/3MP/1080p/720p or 960H, BNC, 1Vp-p/75ohm	IP-CAM: up to 16-CH 1080p/720p, Analog: up to 16-CH AHD 5MP/4MP/3MP/1080p/720p or 960H, BNC, 1Vp-p/75ohm
	Main monitor	HDMI x 1, with resolution up to 1920x1080, VGA x 1, with resolution up to 1920x1080, BNC x 1, 1Vp-p/75ohm		
	Call monitor	BNC x 1, 1Vp-p/75ohm, shared with Main monitor		
	Loss detection	Yes		
	Motion detection	Yes, with configurable detection area & sensitivity		
	Privacy mask	Yes		
Audio	Input	2 RCA-jack connectors	4 RCA-jack connectors	8 RCA-jack connectors, (Optional accessory is required)
	Output	HDMI, 1 RCA-jack connector, line-out level (< 1Vrms)		HDMI, 1 RCA-jack connector, (Optional accessory is required)
Record	Compression	Video: H.264, Audio: ADPCM		
	Max frame rate & resolution	IP-CAM: 120/100fps@1080p/720p, Analog: 48fps@5MP-lite, 60fps@4MP-lite, 80fps@3MP-lite,60fps@1080p, 120/100fps@1080p-lite/720p/960H, Up to 40Mbps incoming bandwidth for IP-CAM	IP-CAM: 240/200fps@1080p/720p, Analog: 96fps@5MP-lite, 120fps@4MP-lite, 160fps@3MP-lite, 120fps@1080p, 240/200fps@1080p-lite/720p/960H, Up to 80Mbps incoming bandwidth for IP-CAM	IP-CAM: 240fps@1080p, 480/400fps@720p, Analog: 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H, Up to 80Mbps incoming bandwidth for IP-CAM
	Watermark	Yes		
	Mode	Manual/Schedule/Alarm/Motion		
	Pre-record time	0 - 10 seconds		
	Post-record time	0 - 60 minutes		
Display	Resolution	HDMI/VGA – up to 1920x1080 NTSC – 720*480, PAL – 720*576		
	Frame rate	Up to 30/25fps per display window		
	Digital Zoom	X2, X4		
	Sequential switch	User adjustable		
Playback	Max frame rate & resolution	48fps@5MP-lite, 60fps@4MP-lite, 80fps@3MP-lite,60fps@1080p, 120/100fps@1080p-lite/720p/960H	96fps@5MP-lite, 120fps@4MP-lite, 160fps@3MP-lite, 120fps@1080p, 240/200fps@1080p-lite/720p/960H	192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H
	Search	Smart search, Date/time, Camera, Alarm, & Motion		
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc. Remote I.E. and CMS can also Print, Snapshot		
Storage	HDD	1 set of SATA HDD with storage > 6TB		
		Failure detection & privacy law supported		
	HDD Extension	N/A	1 eSATA connector for up to 5 HDDs	
	Backup	2 USB 2.0 port, Backup files include video and player		
Alarm	Input	4 contact or TTL/CMOS signal	8 contact or TTL/CMOS signal, polarity selectable	
	Output	1 Normally Open or Normally Closed relay output		
	Buzzer	Yes		
	Triggered by	Sensor input, Video loss, and Motion		
	Event log	Yes		
Network	Ethernet	1 RJ-45 10M/100M Ethernet	1 RJ-45 10M/100M/1G Ethernet connector	
	USB 3G/4G dongle	Support		
	Web	Support Windows 10/8/7, Vista, XP, and 2003, One I.E./Firefox can connect multiple DVRs, Remote setup, monitoring, backup, alarm notification, and remote software upgrade, Configurable HTTP/SMTP/FTP/Control/Data port		
	DDNS	Free DDNS server		
	E-mail/Push alarm	Alarm notification to stationary or mobile devices		
	FTP	Alarm video/audio file storage		
	Video	1/4/9 split-window & SEQ mode for I.E. and CMS, Dynamic electronics maps for CMS, Dynamic N-Streaming live view		
	Audio	Two-way		
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, P2P		
	Remote users	Up to 8 users simultaneously		
	Bandwidth	TCP/IP type dynamic sliding window control		
	Remote stations	Support PC, mobile phone, and tablet connection, Free iOS/Android Mobile APP.		
Control / POS / GPS	Remote Controller	Optional IR remote control (One can control up to 4 DVRs), Optional extension IR receiver cable		
	RS-232	N/A	1 D-type connector for PTZ, keyboard, POS, or GPS	
	RS-485	2-pin for keyboard/PTZ control		
Setup	Local	On screen setup via keypad, remote controller, mouse, and/or RS-485 keyboard		
	Remote	Setup & upload via Windows application software		
	Multi-lingual	Yes		
Reliability	System recovery	Auto power on after power loss recovery		
	Watch Dog Timer	Yes		
	Timer	Built-in real time clock		
	Security	Multi-level password (4 levels, up to 18 accounts)		
Weights & Measures	Dimension	320(W) x 210(D) x 51(H)mm		
	Weight	2.0 KG (without HDD)		2.2 KG (without HDD)
Power	Source	DC 12V		
	Consumption	36W Max.		
Operating Temperature		0°C ~ +40°C		

DVR

Specification

	Model	ADH536SU	ADH536SUH
System	O.S.	Embedded Linux 3.0	
	Operation	Multiplex - simultaneous record, live, playback, setup, backup, control, and remote access	
Video	Format	IP-CAM: ONVIF Profile S, Analog: NTSC/EIA or PAL/CCIR AHD or Analog	
	Input	IP-CAM: up to 16-CH 1080p/720p, Analog: up to 16-CH AHD 5MP/4MP/3MP/1080p/720p or 960H, BNC, 1Vp-p/75ohm	
	Main monitor	HDMI x 1, with resolution up to 1920x1080, VGA x 1, with resolution up to 1920x1080, BNC x 1, 1Vp-p/75ohm	
	Call monitor	BNC x 1, 1Vp-p/75ohm, shared with Main monitor	BNC x 1, 1Vp-p/75ohm
	Loss detection	Yes	
	Motion detection	Yes, with configurable detection area & sensitivity	
	Privacy mask	Yes	
Audio	Input	8 RCA-jack connectors, line-in level (100mV-1Vrms) (Optional accessory is required)	
	Output	HDMI, 1 RCA-jack connector, line-out level (< 1Vrms) (Optional accessory is required)	HDMI, 2 RCA-jack connectors, line-out level (up to 2Vrms) (Optional accessory is required)
Record	Compression	Video: H.264, Audio: ADPCM	
	Max frame rate & resolution	IP-CAM: 240fps@1080p, 480/400fps@720p, Analog: 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite,240fps@1080p, 480fps@1080p-lite/720p/960H, Up to 80Mbps incoming bandwidth for IP-CAM	
	Watermark	Yes	
	Mode	Manual/Schedule/Alarm/Motion	
	Pre-record time	0 - 10 seconds	
	Post-record time	0 - 60 minutes	
Display	Resolution	HDMI/VGA – up to 1920x1080, NTSC – 720*480, PAL – 720*576	
	Split windows	1/4/7/9/10/13/16	
	Frame rate	Up to 30/25fps per display window	
	Digital Zoom	X2, X4	
	Sequential switch	User adjustable	
Playback	Max frame rate & resolution	192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite,240fps@1080p, 480fps@1080p-lite/720p/960H	
	Search	Smart search, Date/time, Camera, Alarm, & Motion	
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc. Remote I.E. and CMS can also Print, Snapshot	
Storage	HDD	2 set of SATA HDDs with storage > 6TB/HDD	Up to 5 sets of SATA HDDs with storage > 6TB/HDD
		Failure detection & privacy law supported	
	HDD Extension	Optional eSATA connector for up to 5 HDDs	
	Backup	2 USB 2.0 port, Backup files include video and player	2 USB 2.0 port, DVD+RW, DVD+R, DVD-R (Optional DVD burner is required), Backup files include video and player
Alarm	Set/unset	N/A	1 contact or TTL/CMOS signal, polarity selectable
	Panic	N/A	1 contact or TTL/CMOS signal, polarity selectable
	Input	8 contact or TTL/CMOS signal, polarity selectable	16 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open or Normally Closed relay output	2 Normally Open, 2 Normally Closed relay output
	Buzzer	Yes	
	Triggered by	Sensor input, Video loss, and Motion	
	Event log	Yes	
Network	Ethernet	1 RJ-45 10M/100M/1G Ethernet connector	
	USB 3G/4G dongle	Yes	
	Web	Support Windows 10/8/7, Vista, XP, and 2003, One I.E./Firefox can connect multiple DVRs, Remote setup, monitoring, backup, alarm notification, and remote software upgrade, Configurable HTTP/SMTP/FTP/Control/Data port	
	DDNS	Free DDNS server	
	E-mail/Push alarm	Alarm notification to stationary or mobile devices	
	FTP	Alarm video/audio file storage	
	Video	1/4/9/16 split-window & SEQ mode for I.E. and CMS, Dynamic electronics maps for CMS, Dynamic N-Streaming live view	
	Audio	Two-way	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, P2P	
	Remote users	Up to 8 users simultaneously	
	Bandwidth	TCP/IP type dynamic sliding window control	
	Remote stations	Support PC, mobile phone, and tablet connection, Free iOS/Android Mobile APP.	
Control / POS / GPS	Remote Controller	Optional IR remote control (One can control up to 4 DVRs), Optional extension IR receiver cable	
	RS-232	1 D-type connector for PTZ, keyboard, POS, or GPS	
	RS-485	2-pin for keyboard/PTZ control	
Setup	Local	On screen setup via keypad, remote controller, mouse, and/or RS-485 keyboard	
	Remote	Setup & upload via Windows application software	
	Multi-lingual	Yes	
Reliability	System recovery	Auto power on after power loss recovery	
	Watch Dog Timer	Yes	
	Timer	Built-in real time clock	
	Security	Multi-level password (4 levels, up to 18 accounts)	
Weights & Measures	Dimension	435(W)x285(D)x56(H)mm	430(W) x 350(D) x 65(H)mm
	Weight	3.0 KG (without HDD)	4.0 KG (without HDD)
Power	Source	DC 12V	
	Consumption	60W Max.	100W Max. (with 5 HDDs)
Operating Temperature		0ºC ~ +40ºC	