AHD 1080P Hybrid H.264 4 Channels Full Features DVR

Main Features:

* **AHD1080/720P/Analog/IP 720P/1080P** switchable
* **B**uild-in Call monitor Output
* **B**uild in **surge protector**
* **4** channels real time recording
* **D**ual Video Streaming
* **2** ways audio capabilities.
* **1** internal SATA HDD up to 4TB
* **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

Model		AHD504C
Video	Input	IP-CAM: up to 2-CH 1080p and 2-CH 720p + Analog: up to 4-CH AHD 1080P, BNC
	Format	IP-CAM: ONVIF Profile S/ Analog: NTSC/EIA or PAL/CCIR, AHD
	Main monitor	BNC x 1, 1Vp-p/75ohm, VGA D-sub 15pin connector, HDMI
	Call monitor	BNC x 1, 1Vp-p/75ohm, Share with main monitor
	Loss detection/ Motion detection	Yes/ 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 (up to 1Vrms)
Record	Compression	IP-CAM: H.264, Analog: H.264 High Profile / ADPCM
	Resolution (fps)	IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 40fps@1080P, 80fps@1080h/720P, 120/100fps@960H, Up to 20Mbps incoming bandwidth for IP-CAM
	Watermark	Yes
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes
Display	Resolution	HDMI/VGA – 1920*1080, NTSC – 720*480, PAL – 720*576
	Split windows/ Digital Zoom	1/4; X2, X4
	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Sequential switch	User adjustable
Playback	Resolution (fps)	IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 40fps@1080P, 80fps@1080h/720P, 120/100fps@960H
	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss
Storage	HDD	1 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported
	Partitions:	Configurable alarm partition size, Configurable auto-overwrite or not
	Backup	2 USB 2.0 ports for USB disk drives, Self playback for backup files
Alarm	Input	2 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open or Normally Closed relay output
	Buzzer/ Event log	Yes/ Yes
	Triggered by	Sensor input, Video loss, & Motion
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, Win-Vista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)
	E-mail/Push Alarm	Alarm notification to stationary or mobile devices
	USB Dongle	Support 3G dongle
	DDNS	Free
	Remote Station	PC, mobile phone, PDA or tablet PC
	Remote Users	Up to 8 users simultaneously
	FTP	Alarm video/audio file storage
	Audio	Bi-directional
	Bandwidth	TCP/IP type dynamic sliding window control
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
Control	I/R	1 I/R remote controller
	RS-485	2-pin for keyboard/PTZ control
Setup	Local	On screen setup via keypad, I/R remote controller, USB 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/ Built-in real time clock
	Security	4 levels, up to 18 accounts protection with authentication key for remote access
Weights & Measures	Dimension & Weight	184 x 194 x 44mm, 1.2 KG
Power Consumption		+12VDC/ 36W Max.
Operating Temperature		0°C ~ +45°C

AHD 1080P **Hybrid** H.264 4/ 8/ 16 Channels Full Features

ADH504S/ ADH508S/ ADH516S

ADH516SU
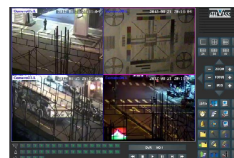*Optional DVD-RW*

ADH516SUH
Optional DVD-RW

Main Features:

* **Onvif 1080P/720P IP camera comparable**
* **AHD1080/720P/Analog/IP 720P/1080P** 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 4TB
* **A**DH-SU series can build in **2** sets of 3.5" SATA HDDs, each HDD up to 4TB
* **A**DH-SUHD series can build in **4** sets of 3.5" SATA HDDs, each HDD up to 4TB + 1 DVD writer
* **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
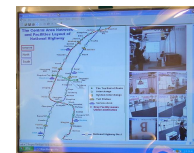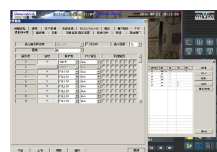* **B**uild in RS-485 for PTZ, POS, GPS control, keyboard

Advantages:

* **O**ptional DVD models: DVD+RW, DVD+R, DVD-R, Self playback for backup files (**For ADH516SUHD** 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

DVR

Specification

Model	ADH504S	ADH508S
Video		
Input - IP CAM	Up to 2-CH 1080p and 2-CH 720p	Up to 4-CH 1080p
Input - Analog	Up to 4-CH AHD 1080P	Up to 8-CH AHD 1080P
Format	IP-CAM: ONVIF Profile S/ Analog: NTSC/EIA or PAL/CCIR, AHD	
Main monitor	BNC x 1, 1Vp-p/75ohm, VGA D-sub 15pin connector, HDMI	
Call monitor	BNC x 1, 1Vp-p/75ohm, Share with main monitor	
Privacy Mask	Yes	
Loss detection/ Motion detection	Yes/ Yes, with configurable detection area & sensitivity	
Audio		
Input	2 RCA-jack connector, line-in level (100mV-1Vrms)	4 RCA-jack connector, line-in level (100mV-1Vrms)
Output	HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)	
Record		
Compression	IP-CAM: H.264, Analog: H.264 High Profile / ADPCM	
Resolution (fps)	IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 40fps@1080P, 80fps@1080h/720P, 120/100fps@960H, Up to 20Mbps incoming bandwidth for IP-CAM	IP-CAM: 120/100fps@1080p/720p, Analog: 60fps@1080P, 120fps@1080h/720P, 240/200fps@960H, Up to 40Mbps incoming bandwidth for IP-CAM
Watermark	Yes	
Mode	Manual/Schedule/Alarm/Motion	
Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes	
Display		
Resolution	HDMI/VGA – 1920*1080, NTSC – 720*480, PAL – 720*576	
Split windows/ Digital Zoom	1/4; X2, X4	1/4/7/9; X2, X4
Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window	
Sequential switch	User adjustable	
Playback		
Resolution (fps)	IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 40fps@1080P, 80fps@1080h/720P, 120/100fps@960H	IP-CAM: 120/100fps@1080p/720p, Analog: 60fps@1080P, 120fps@1080h/720P, 240/200fps@960H
Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss	
Storage		
HDD	1 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported	
HDD Extension	X	1 optional eSATA connector up to 5HDDs
Partitions:	Configurable alarm partition size, Configurable auto-overwrite or not	
Backup	2 USB 2.0 ports for USB disk drives, Self playback for backup files	
Alarm		
Input	4 contact or TTL/CMOS signal, polarity selectable	8 contact or TTL/CMOS signal, polarity selectable
Output	1 Normally Open or Normally Closed relay output	
Buzzer/ Event log	Yes/ Yes	
Triggered by	Sensor input, Video loss, & Motion	
Network		
Ethernet	1 RJ-45 10/100BaseT Ethernet connector	
Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)	
E-mail/Push Alarm	Alarm notification to stationary or mobile devices	
USB Dongle	Support 3G dongle	
DDNS	Free	
Remote Station	PC, mobile phone, PDA or tablet PC	
Remote Users	Up to 8 users simultaneously	
FTP	Alarm video/audio file storage	
Audio	Bi-directional	
Bandwidth	TCP/IP type dynamic sliding window control	
Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP	
Control/POS/GPS		
I/R	1 I/R remote controller	
RS-232	X	1 D-type female connector for PTZ, POS, GPS
RS-485	2-pin for keyboard/PTZ control	
Setup		
Local	On screen setup via keypad, I/R remote controller, USB 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/ Built-in real time clock	
Security	4 levels, up to 18 accounts protection with authentication key for remote access	
Weights & Measures		
Dimension & Weight	319 x 209 x 50mm, 2.0 KG	
Power		
Source	+12VDC/ 36W Max.	
Operating Temperature	0°C ~ +45°C	

Specification

Model		ADH516S	ADH516SU	ADH516SUH
Video	Input	IP-CAM: Up to 8-CH 1080p + Analog: Up to 16-CH AHD 1080P (BNC)		
	Format	IP-CAM: ONVIF Profile S/ Analog: NTSC/EIA or PAL/CCIR, AHD		
	Main monitor	BNC x 1, 1Vp-p/75ohm, VGA D-sub 15pin connector, HDMI		
	Call monitor	BNC x 1, 1Vp-p/75ohm, Share with main monitor		
	Privacy Mask	Yes		
	Loss detection/ Motion detection	Yes/ Yes, with configurable detection area & sensitivity		
Audio	Input	8 RCA-jack connector, line-in level (100mV-1Vrms)		
	Output	HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)		HDMI, 2 RCA-jack connector, line-out level (up to 1Vrms)
Record	Compression	IP-CAM: H.264, Analog: H.264 High Profile / ADPCM		
	Resolution (fps)	IP-CAM: 180fps@1080p, 240/200fps@/720p, Analog: 120fps@1080P, 240fps@1080h/720P, 480/400fps@960H, Up to 60Mbps incoming bandwidth for IP-CAM		
	Watermark	Yes		
	Mode	Manual/Schedule/Alarm/Motion		
	Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes		
Display	Resolution	HDMI/VGA – 1920*1080, NTSC – 720*480, PAL – 720*576		
	Split windows/ Digital Zoom	1/4/7/9/10/13/16; X2, X4		
	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window		
	Sequential switch	User adjustable		
Playback	Resolution (fps)	IP-CAM: 180fps@1080p, 240/200fps@/720p, Analog: 120fps@1080P, 240fps@1080h/720P, 480/400fps@960H		
	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss		
Storage	Internal HDD Space	1 X 3.5"HDD, each > 4TB	2 X 3.5"HDD, each > 4TB	5 X 3.5"HDD, each > 4TB
	HDD Extension	1 optional eSATA connector up to 5HDDs		
	Partitions:	Configurable alarm partition size, Configurable auto-overwrite or not		
	Backup	2 USB 2.0 ports for USB disk drives, Self playback for backup files		Optional Internal DVD-RW
Alarm	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 or Normally Closed relay output
	Set/Unset	X		1 contact or TTL/CMOS signal, polarity selectable
	Panic			1 contact or TTL/CMOS signal, polarity selectable
	Buzzer/ Event log	Yes/ Yes		
	Triggered by	Sensor input, Video loss, & Motion		
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector		1 RJ-45 10/100/1G BaseT Ethernet connector
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)		
	E-mail/**Push Alarm**	Alarm notification to stationary or mobile devices		
	USB Dongle	Support 3G dongle		
	DDNS	Free		
	Remote Station	PC, mobile phone, PDA or tablet PC		
	Remote Users	Up to 8 users simultaneously		
	FTP	Alarm video/audio file storage		
	Audio	Bi-directional		
	Bandwidth	TCP/IP type dynamic sliding window control		
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP		
Control/POS/GPS	I/R	1 I/R remote controller		
	RS-232	1 D-type female connector for PTZ, POS, GPS		
	RS-485	2-pin for keyboard/PTZ control		
Setup	Local	On screen setup via keypad, I/R remote controller, USB 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/ Built-in real time clock		
	Security	4 levels, up to 18 accounts protection with authentication key for remote access		
Weights & Measures	Dimension & Weight	319 x 209 x 50mm, 2.0 KG	435 x 288 x 55mm, 2.3 KG	430 x 350 x 65mm, 4 KG
Power	Source	+12VDC/ 60W Max.		+12VDC/ 100W Max.
Operating Temperature		0°C ~ +45°C		