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
- Build in surge protector
- 4 channels real time recording
- **D**ual Video Streaming
- 2 ways audio capabilities.
- 1 internal SATA HDD up to 4TB
- Remote access through mobile phone or PDA.
- Free CMS Software (10 DVR version)
- **R**emote Configuration
- Build-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	Jequential switch	IP-CAM: 60fps@1080p, 120/100fps@720p, Analog: 40fps@1080P, 80fps@1080h/720P,	
Flayback	Resolution (fps)	120/100fps@960H	
01	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, Wir 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 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	
Condition	Watch Dog/ Timer	Yes/ Built-in real time clock	
	Security		
Weights & Measures	Dimension & Weight	4 levels, up to 18 accounts protection with authentication key for remote access	
	Dimension & Weight	184 x 194 x 44mm, 1.2 KG	
Power Consumption		+12VDC/ 36W Max.	
Operating Temperatur	е	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
- * Build in IP camera motion recording function
- Build in IP PTZ control function
- * Build-in VGA/HDMI Output
- * Build in call monitor Output
- * Build in surge protector
- * Dual Video Streaming
- * 2 ways audio capabilities.
- * ADH-S series can build in 1 internal SATA HDD up to 4TB
- * ADH-SU series can build in 2 sets of 3.5" SATA HDDs, each HDD up to 4TB
- * ADH-SUHD series can build in 4 sets of 3.5" SATA HDDs, each HDD up to 4TB + 1 DVD writer
- * eSATA port for extension HDD recording (For 8/16ch DVR only)
- * **3**-D de-interlace & de-noise **R**eal-time Live Display.
- * Remote access through mobile phone or PDA.
- Free CMS Software (10 DVR version)
- * E. Map function to edit preferable display customize your own layout of remote monitoring.
- * GUI (mouse) operation
- * Remote Configuration
- Build in RS-485 for PTZ, POS, GPS control, keyboard

Advantages:



 Optional DVD models: DVD+RW, DVD+R, DVD-R, Self playback for backup files (For ADH516SUHD Only)



- One web browser allow connection of 10 ADH Series DVR simultaneously and support up to 64 windows at same display screen.
- Independent 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.





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

	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	io 2 RCA-jack connector, line-in level (100mV- 4 RCA-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	60fps@1080P, 120fps@1080h/720P,	
	Watermark	Yes		
	Mode	Manual/Schedu	ıle/Alarm/Motion	
	Pre-record/ Post-record time	0~10 seconds	/ 0~60 minutes	
Display	Resolution	HDMI/VGA - 1920*1080, NT	SC – 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: 120/100fps@1080p/720p, Analog:	
	Search	Smart search, Date/time, Came	era, Alarm, Motion, & Video Loss	
Storage	HDD	· · ·	Failure detection supported, Privacy law sup- rted	
	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 driv	ves, 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/ Yes	
	Triggered by	Sensor input, Vic	leo loss, & Motion	
Network	Ethernet	1 RJ-45 10/100Base	T Ethernet connector	
	Web	Remote setup, monitoring, backup & alarm n Win7, WinVista, WinXP and Win2000, 1 I	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Suppor Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)	
	E-mail/Push Alarm	Alarm notification to stat	ionary or mobile devices	
	USB Dongle	Support 3	3G dongle	
	DDNS	Fr	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-dire	ectional	
	Bandwidth	TCP/IP type dynamic	TCP/IP type dynamic sliding window control	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP		
Control/POS/GPS	I/R		te 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			
Weights & Measures	Dimension & Weight	4 levels, up to 18 accounts protection with authentication key for remote access 319 x 209 x 50mm, 2.0 KG		
Power	-	+12VDC/ 36W Max.		
	Source			

	Model	ADUE100 ADUE100U	ADUE4COUR	
Vidoo	Model	ADH516S ADH516SU ADH516SUH IP-CAM: Up to 8-CH 1080p + Analog: Up to 16-CH AHD 1080P (BNC)		
Video	Input		· ,	
	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-ou 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/720F 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/720 480/400fps@960H		
	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss		
Storage	Internal HDD Space	1 X 3.5"HDD, each > 2 X 3.5"HDD, each > 4TB	5 X 3.5"HDD, each > 4TB	
	HDD Extension	1 optional eSATA connect	or 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, polar 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, polarit selectable	
	Panic	Α	1 contact or TTL/CMOS signal, polarit selectable	
	Buzzer/ Event log	Yes/ Yes		
	Triggered by	Sensor input, Video los		
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, Suppo Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)		
		Alarm notification to stationary or mobile devices		
	E-mail/ Push Alarm	Alarm notification to stationary		
	E-mail/ Push Alarm USB Dongle	Alarm notification to stationary Support 3G do	y or mobile devices	
			y or mobile devices	
	USB Dongle	Support 3G do	y or mobile devices ngle	
	USB Dongle DDNS	Support 3G do Free	y or mobile devices ngle a or tablet PC	
	USB Dongle DDNS Remote Station	Support 3G do Free PC, mobile phone, PDA	y or mobile devices ngle A or tablet PC taneously	
	USB Dongle DDNS Remote Station Remote Users	Support 3G do Free PC, mobile phone, PDA Up to 8 users simul	y or mobile devices ngle a or tablet PC taneously le storage	
	USB Dongle DDNS Remote Station Remote Users FTP	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil	y or mobile devices ngle A or tablet PC taneously le storage	
	USB Dongle DDNS Remote Station Remote Users FTP Audio	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil	y or mobile devices ngle A or tablet PC taneously le storage al g window control	
Control/POS/GPS	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP	
Control/POS/GPS	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote cor	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP stroller	
Control/POS/GPS	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote cor 1 D-type female connector for	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP stroller or PTZ, POS, GPS	
	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote cor 1 D-type female connector fo	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP atroller or PTZ, POS, GPS TZ control	
	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directions TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote cor 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP atroller or PTZ, POS, GPS TZ control T, USB mouse, and/or RS-485 keyboard	
	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local Remote	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote con 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller Setup & upload via Windows a	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP atroller or PTZ, POS, GPS TZ control T, USB mouse, and/or RS-485 keyboard	
Setup	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local Remote Multi-lingual	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote cor 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller Setup & upload via Windows a	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP stroller or PTZ, POS, GPS TZ control r, USB mouse, and/or RS-485 keyboard application software	
Setup	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local Remote Multi-lingual System recovery	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote cor 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller Setup & upload via Windows a Yes Auto power on after power	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP attroller or PTZ, POS, GPS TZ control T, USB mouse, and/or RS-485 keyboard application software	
Setup	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local Remote Multi-lingual System recovery Watch Dog/ Timer	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directions TCP/IP type dynamic slidin TCP/IP, HTTP, PPPOE, DHCF 1 I/R remote cor 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller Setup & upload via Windows a Yes Auto power on after power	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP atroller or PTZ, POS, GPS TZ control I, USB mouse, and/or RS-485 keyboard application software er loss recovery me clock	
Setup Reliability	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local Remote Multi-lingual System recovery Watch Dog/ Timer Security	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fii Bi-directiona TCP/IP type dynamic slidin TCP/IP, HTTP, PPPoE, DHCF 1 I/R remote con 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller Setup & upload via Windows a Yes Auto power on after power Yes/ Built-in real tir 4 levels, up to 18 accounts protection with au	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP atroller or PTZ, POS, GPS TZ control T, USB mouse, and/or RS-485 keyboard application software er loss recovery me clock thentication key for remote access	
Control/POS/GPS Setup Reliability Weights & Measures Power	USB Dongle DDNS Remote Station Remote Users FTP Audio Bandwidth Protocol I/R RS-232 RS-485 Local Remote Multi-lingual System recovery Watch Dog/ Timer	Support 3G do Free PC, mobile phone, PDA Up to 8 users simult Alarm video/audio fil Bi-directions TCP/IP type dynamic slidin TCP/IP, HTTP, PPPOE, DHCF 1 I/R remote cor 1 D-type female connector for 2-pin for keyboard/P On screen setup via keypad, I/R remote controller Setup & upload via Windows a Yes Auto power on after power	y or mobile devices ngle A or tablet PC taneously le storage al g window control P, DDNS, FTP, TSP atroller or PTZ, POS, GPS TZ control T, USB mouse, and/or RS-485 keyboard application software er loss recovery me clock	