

Apollo HD1 series

4/8/16 Channel Full D1 Realtime DVR. with internal DVD



Model

ApolloHD1-4

ApolloHD1-8

ApolloHD1-16



NOTE:

Apollo HD1 Series:

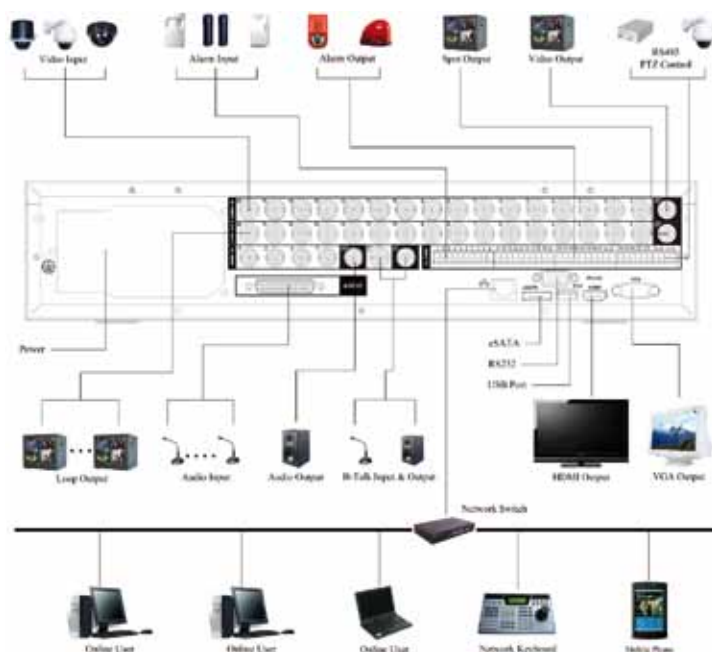
The highest performance realtime recording DVR with audio and video at 25fps 4CIF on all channels
Audio inputs on all channels, Looped Video output for all channels.
Special BNC spot video Output. For Sequenced output, or camera alarm display.
All channel playback on screen at same time. 4, 8 and 16channels.

Features

- > 4, 8 & 16 Channel recording with all channel playback.
- > H.264 compression algorithm ideal for standalone DVR
- > Realtime live display up to 16 cameras with 720P high definition, 25fps recording for 4CIF each channel
Dual encoding streams support, flexible for network transmission or for mobile phone monitoring.
- > Pentaplex function: live, recording, playback, backup & remote access
Multiple control methods: Front panel, IR remote controller,
- > USB mouse and network keyboard (Keyboard Option)
Smart video detection: motion detection, camera blank, video loss
Smart camera settings: privacy masking, camera lock, colour setting, and title display
Pan Tilt Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.
- > Alarm triggering screen tips, PTZ preset, e-mail,
- > FTP upload, BNC full screen output switching
Powerful network software: built-in web server, multi-DVR client & CMS. Networking access for remote live viewing, recording, playback, setting, system status, event log
FTP upload, mobile phone monitoring
Backup to USB Flash Memory/ USB v2.0 HDD / Network / USB CD/DVD Burner / eSATA HDD



Connection



www.adata.co.uk / A-Data Ltd



Specifications

System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
User Interface	GUI, on-screen menu tips		
Control Device	Front panel, USB mouse, IR remote control, network keyboard (Option)		
Input Method	Numeral/Character/Denotation		
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.		
Video			
Video Input	16 channel, BNC, 1.0Vp-p, 75Ω		
Video Output	2 channel TV output, BNC, 1.0Vp- p, 75Ω, 1 VGA output		
Video Standards	PAL(625Line, 50f/s), NTSC(525Line, 60f/s)		
Video Compression	H.264		
Video Resolution	Format	NTSC	PAL
	D1(4CIF)	704 X 480	704 X 576
	2CIF	704 X 240	704 X 288
	CIF	352 X 240	352 X 288
	QCIF	176 X 120	176 X 144
Video Recording	2CIF/CIF/QCIF: PAL 1f/s~25f/s, D1/4CIF PAL 1f/s~15f/s		
Video Display Split	Full and multiple screen display, 1 / 4 / 8 / 9 / 16		
Tour Display	Support		
Image Quality	1-6 level(level 6 is the best)		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
Camera Lock	Camera locked for users		
Camera Adjustment	Adjust color according to different time period		
Video Information	Camera title, time, video loss, camera lock, motion detection, recording		
TV Output Adjustment	Adjust TV output color & display zone		
Audio			
Audio Input	4/8/18 channel. RCA,200-2800mV, 30KΩ		
Bidirectional Talk Input	1 channel, RCA 200-2800mV, 30KΩ		
Audio Output	1 channel, RCA 200-2800mV, 5KΩ		
Audio Compression	G.711		
Video Detection & Alarm			
Motion Detection	Zones: 396 (22*18) detection zones Sensitivity: 1~6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm		
Video Loss	Trigger recording, PTZ movement, tour, alarm		
Camera Blank	Trigger recording, PTZ movement, tour, alarm		
Alarm Input	16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm		
Relay output	6 channel, 30VDC, 1A, NO/NC, form-C		

Hard Disk	
Hard Disk	4 SATA ports, 3 HDDs internal drives 1 DVD
Space Occupation	Audio: 14.4MB/H Video: 56~700MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)
Record, Playback & Backup	
Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm
Recording Priority	Manual >Alarm >Video Detection >Continuous
Recording Interval	1 to 120 minutes (default: 60 minutes)
Overwrite Mode	Support
Raid Function	Support
Search Mode	Time/Date, Alarm, Motion Detection & exact search (accurate to second)
Playback	4/8/16 channel playback simultaneously pause stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Digital Zoom	Selected zone can zoom into full screen during playback
Backup Mode	Flash disk/ USB HDD/ USB CD/DVD-RW/ Built-in SATA Burner/ Network download
Network	
Interface	RJ-45 Port (10/100M)
Network Functions	TCP/IP,DDNs,PPPOE, E-mail, FTP,IP Filter,
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information
Auxiliary Interface	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	keyboard, PC communication
RS485	PTZ control
Environmental	
Power Supply	220V 50Hz / 110V 60Hz
Power consumption	25W / 30W / 40W
Working Temperature	-10°C~+55°C
Working Humidity	10%~90%
Atmosphere Pressure	86kpa~106kpa
Dimension	1.5U, 440mmx460mmx89mm (W*D*H)
Weight	6.0KG(without HDD)
Mounting	Desktop or rack

Application

It is suitable for bank security field and widely used in many environments. Recommended installation areas are security companies, change booths, Casinos, Pawnshops,Jewellers, Galleries,Exhibition halls, Department stores, Convenience stores, Discount offices, Hopspitals, Police station, Subway, Airpots and banks ETC

Design and specifications are subject to change without notice.

