

Apollo HD Lite 1 series

4/8/16 Realtime* recording Channel Standalone DVR



Model

ApolloHD-4

ApolloHD-8

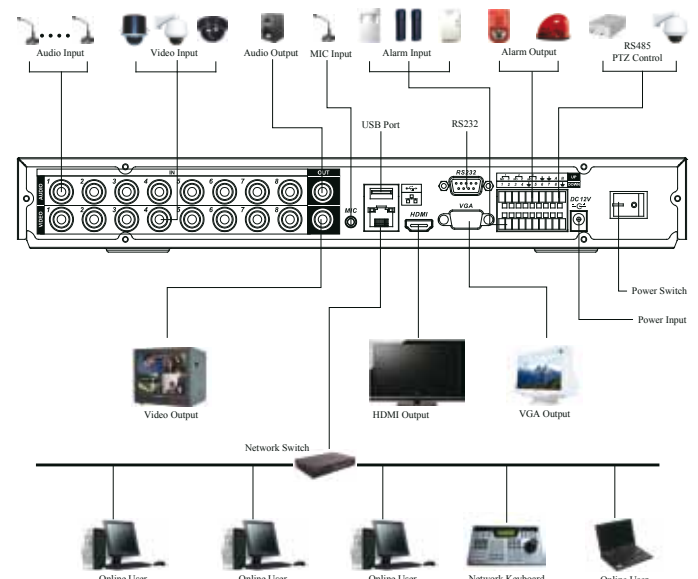
ApolloHD-16



Features

- > New entry level with high performance and competitive price
- > H.264 compression algorithm ideal for standalone DVR
- > Realtime live display up to 16 cameras with 720P high definition, 25fps recording for CIF or 6fps 4CIF each channel recording.
- > Dual encoding streams support, flexible for network transmission
- > Pentaplex function: live, recording, playback, backup & remote access
- > Multiple control methods: Front panel, IR remote controller, USB mouse and network keyboard
- > Smart video detection: motion detection, camera blank, video loss
- > Smart camera settings: privacy masking, camera lock, color 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, buzzer, PTZ preset, e-mail, FTP upload
- > 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
- > Backup to USB Flash Memory/ USB HDD / Network / USB CD/DVD Burner

Connection



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		
Input Method	Numeral/Character/Denotation		
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.		
Video			
Video Input	4/8/16 channel, BNC, 1.0Vp-p, 75Ω		
Video Output	1 channel TV output, BNC, 1.0Vp-p, 75Ω, 1 VGA output, 1 HDMI 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
	CIF	352 X 240	352 X 288
	QCIF	176 X 120	176 X 144
Video Recording	Realtime 25fps CIF on all channels, with Channel 1 can be 4CIF @ 25fps on the 4&8 Channel Model, and channel 1&8 on 16 Model. Or all channels set to 4CIF recording with a max of 6fps on each channel		
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	4/8/4 channel, BNC, 200-2800mV, 30KΩ		
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30KΩ		
Audio Output	1 channel, BNC, 200-3000mv, 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	4/8/16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm
Relay output	3/3/3 channel, 30VDC, 1A, NO/NC, form-C
Hard Disk	
Hard Disk	4 SATA port, 4 HDD supported
Space Occupation	Audio: 14.4MB/H Video: 56 ~ 500MB/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), Pre-record up to 30 seconds, Post-record up to 5 minutes
Overwrite Mode	Support
Search Mode	Time/Date, Alarm, Motion Detection & exact search (accurate to second)
Playback	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/ Network download
Network	
Interface	RJ-45 Port (10/100M)
Network Functions	TCP/IP, PPPOE,DDNS, 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	6.5KG(without HDD)
Mounting	Desktop or rack

Application

It is suitable for bank security field and widely used in many environments. Recommended installation areas are Securities Companies, Change Booths, Casinos, Pawnshops, Jewelers, Galleries, Exhibition Halls, Department Stores, Convenience Stores, Discount Offices, Hospitals, Police Stations, Subway Stations, Airports, and Banks etc.

Design and specifications are subject to change without notice.

