

WHD-7916GD SEIRES GH.3

16 Channel AHD/CVBS/IP H.264 HVR

Technical Specification



Key Features

- ▶ 16 Channel 1080P H.264 real time AHD/CVBS/IP Hybrid Video Recorder.
- ▶ Embedded LINUX Operating System.
- ▶ HDMI/VGA Simultaneous video output.
- ▶ Support HD video signal recording, Storage, Playback and transport.
- ▶ Low latency system in favour of real-time HD Video image processing.
- ▶ Real time Playback: 16x1080P@12fps.
- ▶ Backup : Network Backup, U Disk Backup USB Backup and SATA Backup.
- ▶ Support six operations at the same time, Recording, Playback, Network Transmission, Backup, PTZ Control etc.
- ▶ Support IE and client, Remote parameter Setting / Convenient remote network access Function without need to apply for any domain Names, Plug and Play.
- ▶ Support Multi-Language OSD.
- ▶ Support PTZ Control, Motion Detection.
- ▶ RJ45 (10M/100M Self-adaptive) x1 Port.
- ▶ USB2.0 x 3 Port.
- ▶ Audio input x 2/Output x 1, RS485 x 1 Port.

Model	WHD-7916GD	
System Interface		
Main Processor	Industrial Grade Embedded Micro Controller Hisilicon Hi3531A	
Operating System	Embedded LINUX Operating System	
System Resources	Sixfold operation simultaneously : Live recording, Playback, Backup, Remote access, PTZ Control, Mobile monitoring	
Operating Interface	Support 16bit true color graphical menu interface and mouse operation	
Preview Screen	1/4/9/16	
Display Resolution	Support 3840x2160, 1920x1080, 1280x720, 1440x900, 1280x1024, 1024x768	
Video		
Video Compression	H.264(High Profile), JPEG Snapshot	
Video Standard	25FPS/CH(PAL), 30FPS/CH(NTSC)	
Video Resolution	16x1080P(1920x1080)/720P(1280x720)/960H(960x480)/D1(720x240)	
Encode Capacity	16x1080P@12fps	
Decode Capacity	16x1080P (non-realtime)	
Multi mode Input	AHD or Analog:	16x1080P/16x1080H/8x1080P
	Network:	16x(8x1080P+8x960P)/8x3M/4x5M
	Hybrid:	8x1080P(analog) + 8x1080P (network)
Motion Detection	Each screen can be set to 192 (16x12) detection areas, multi-level sensitivity can be set (Limited local channel)	
Audio		
Audio Compression	G.711A	
Intercom	Support	
Record & Playback		
Record Mode	Manual, Alarm, Motion detection, Timing	
Playback Channel	16 Channel Playback	
Playback Quality	1080P/720P/960H/D1	
Video Search	Time, Calendar, Event, Channel	
Storage & Backup		
Space Occupation	Video: 1080P/720P 20Gb/day x channel, 960H: 12 ~ 20Gb/day x channel, Audio: 691.2Mb/day x channel	
Video Storage	HDD, Network	
Backup Mode	Network, U-Disk, USB Burner, SATA Burner	
Interface		
Control Mode	USB mouse, IR remote control, Network	
Video Input	16CH BNC	
Video Output	1CH VGA Output and 1CH HDMI Output	
Audio Input	2CH RCA	
Audio Output	1CH RCA	
Alarm Input	0 (Can be extended to 4CH)	
Alarm Output	0 (Can be extended to 1CH)	
Network Interface	RJ45 10M/100M	
Mobile Support	Support iOS and Android system	
Browser	Support Internet Explorer (IE)	
PTZ Control	1xRS485, Support multiple PTZ protocols	
USB	3xUSB2.0	
HDD	2xSATA port (Max 6TB/per)	
WiFi	WiFi (extension via USB)	
3G	3G (extension via USB)	
General		
Power Supply	DC 12V 4A (Adapter Included)	
Power Consumption	≤15W (Without HDD)	
Working Temperature	0°C ~ +55°C	
Working Humidity	10% ~ 90%	
Atmospheric Pressure	86kpa ~ 106kpa	
Dimension	380(L)x300(W)x55(H)mm	
Weight	≤5Kg	