

## Full D1 DVR-8000HFI SERIES

### 4/8/16 Channel 8000HFI Series Standalone DVR



### Model

DVR-8004HFI	4 channel audio/video/matrix model
DVR-8008HFI	8 channel audio/video/matrix model
DVR-8016HFI	16 channel audio/video/matrix model

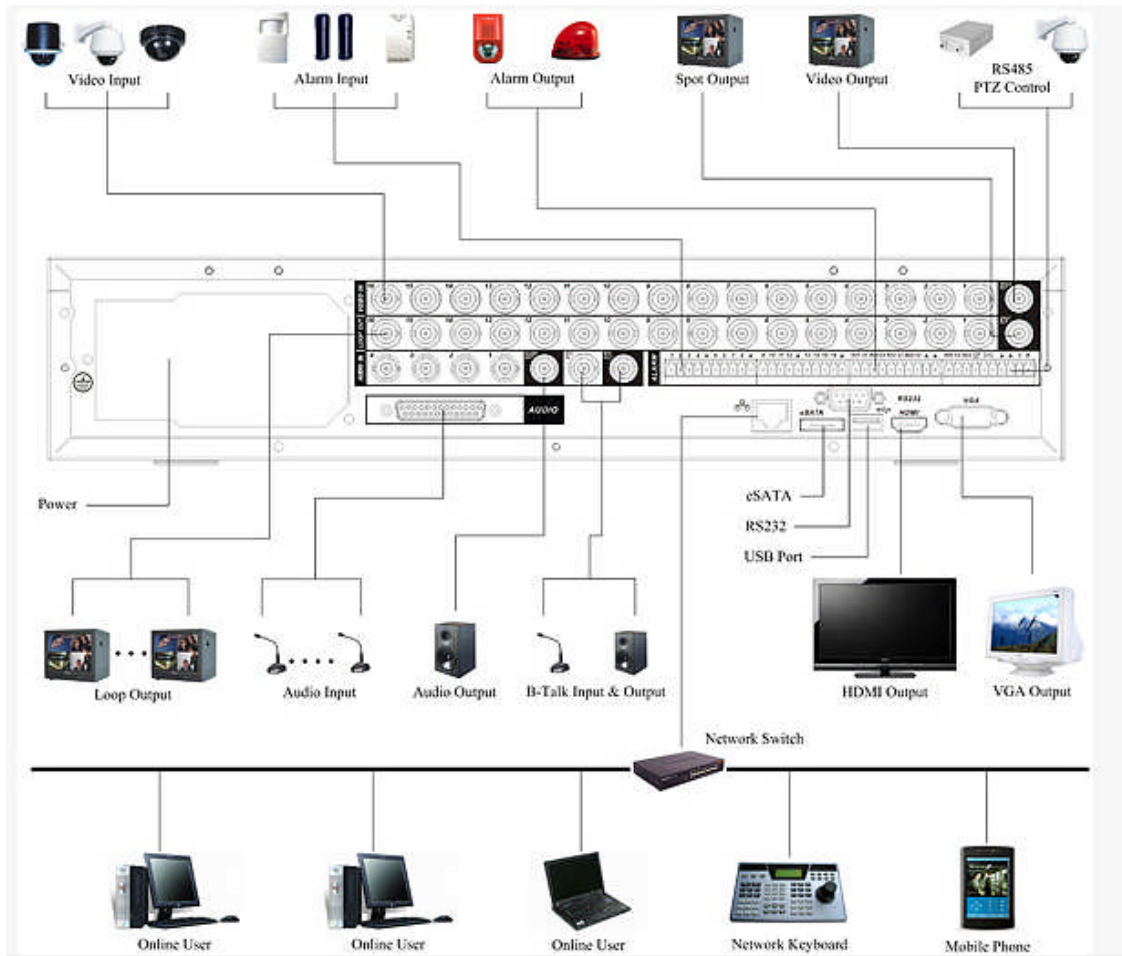
### Note

DVR-8004HFI	Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 4 channel loop outputs and 1 channel matrix output. It can support VGA, HDMI, eSATA and USB2.0.
DVR-8008HFI	Full D1 recording, 8 channel video inputs, 8 channel audio inputs, 8 channel loop outputs and 1 channel matrix output. It can support VGA, HDMI, eSATA and USB2.0.
DVR-8016HFI	Full D1 recording, 16 channel video inputs, 16 channel audio inputs, 16 channel loop outputs and 1 channel matrix output. It can support VGA, HDMI, eSATA and USB2.0.

### Features

- \* Full D1 2U standalone DVR with high performance, best for high-end market
- \* H.264 compression algorithm ideal for standalone DVR
- \* Realtime live display up to 16 cameras with 720P high definition, 400/480 fps recording for 4CIF
- \* Dual encoding streams support, flexible for network transmission and mobile phone monitoring
- \* Pentaplex function: live, recording, playback, backup & remote access
- \* 8 HDDs supported, eSATA port & CD-RW/DVD-RW supported
- \* 16 channel simultaneous playback
- \* Multiple control methods: Front panel, IR remote controller, keyboard, 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. And with Speed Dome, 3D intelligent positioning function supported
- \* Easy backup methods: USB devices, CD-RW/DVD-RW & network download
- \* Alarm triggering screen tips, buzzer, PTZ preset, e-mail, FTP upload
- \* Powerful network software: built-in web server, multi-DVR client, MSS(mobile surveillance software for smart phone) & CMS. Networking access for remote live viewing, recording, playback, setting, system status, event log

## Connection



## Specifications

Model	DVR-8004HFI	DVR-8008HFI	DVR-8016HFI
<b>System</b>			
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, keyboard, 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.		
<b>Video</b>			
Video Input	4 channel	8 channel	16 channel
Video Interface	BNC, 1.0Vp-p, 75ohm		
Video Output	1 channel TV output, BNC, 1.0Vp-p, 75ohm, 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	4CIF/CIF/QCIF: PAL 1f/s-25f/s NTSC 1f/s-30f/s;		
	Dual encoding streams supported;		
Video Display Split	Full and multiple screen display, 1 / 4 / 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		
<b>Audio</b>			
Audio Input	4 channel	8 channel	16 channel
Audio Interface	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		
<b>Video Detection &amp; Alarm</b>			
Motion Detection	Zones: 396 (22*18) detection zones		
	Sensitivity: 1~6 (level 6 is highest)		
	Trigger recording, PTZ movement, tour, alarm, email, matrix output		
Video Loss	Trigger recording, PTZ movement, tour, alarm, email, matrix output		
Camera Blank	Trigger recording, PTZ movement, tour, alarm, email, matrix output		
Alarm Input	16/16/16 channel, programmable, ground, manual open/closed		
	Trigger recording, PTZ movement, tour, alarm, email, matrix output		
Relay output	6/6/6 channel, 30VDC, 1A, NO/NC, form-C		
<b>Hard Disk</b>			

Hard Disk	8 SATA ports, 8 HDDs supported, eSATA port		
Space Occupation	Audio: 14.4MB/H Video: 56~500MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)		
<b>Record, Playback &amp; Backup</b>			
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/ built-in SATA burner/ Network download		
<b>Network</b>			
Interface	RJ-45 Port (10/100M)		
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information		
<b>Auxiliary Interface</b>			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
RS232	keyboard, PC communication		
RS485	PTZ control		
<b>Environmental</b>			
Power Supply	220V 50Hz / 110V 60Hz		
Power consumption	25W	30W	40W
Working Temperature	-10℃~+55℃		
Working Humidity	10%~90%		
Atmosphere Pressure	86kpa~106kpa		
Dimension	1.5U, 440mmx460mmx89mm (W*D*H)		
Weight	6.5KG(without HDD)		
Mounting	Desktop or rack		