

HYBDVR-FE016480-DH-160

16 Channel Hybrid Federal Series 2U 960H Realtime Security DVR / NVR

- Up to 32 channel with 1080p view



Recording Speed: Analog (960H@30fps all channels) - IP (Max 160Mbps)

Resolution: 1080P(1920× 1080) / 720P(1280× 720) / 960H(960× 576/960× 480) / D1/4CIF(704× 576/704× 480) / HD1(352× 576/352× 480)

Drive Capacity: 8 SATA

Video Inputs: IP: Up to 16CH - Analog: 16CH Total

Ethernet Ports: 2

Video Outputs: VGA / BNC / HDMI

Audio Inputs: 16

Audio Outputs: 1

Alarm Inputs: 16

Alarm Outputs: 6

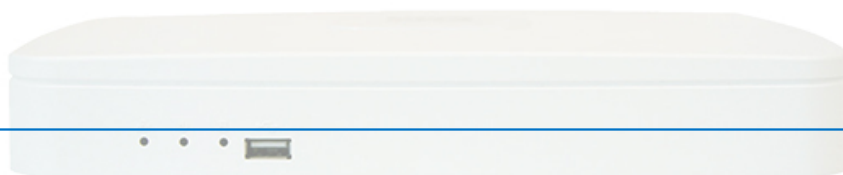
Internal DVD Burner Support: Yes

Smart Phone Access/Push Notification: Yes

Motion Activated Recording: Yes

PTZ Control: Yes

Simultaneous Users: 20



16 Channel Hybrid Federal Series 2U 960H Realtime Security DVR / NV



Features

- > Up to 32 channel with 1080p realtime live view
- > H.264/MJPEG decoding & H.264 dual-stream encoding
- > IP: Max 160Mbps incoming bandwidth
- > Analog: 16 channel@960H(960× 576/960× 480) realtime recording
- > 2HDMI/VGA/TV/Spot simultaneous video output
- > All channel synchronous realtime playback, GRID interface & smart search
- > ONVIF conformance
- > Auto IP address acquisition by IP Search function
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0 Multiple
- > network monitoring: Web viewer, TechProSS

Technical Specifications

System				
Main Processor		Dual-core embedded processor		
Operating System		Embedded LINUX		
Video				
IP Video Input		16 channel		
Analog Input		16 channel, BNC		
Analog Video Standard		NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Loop Output		16 channel, BNC		
Audio				
Input		16 channel, BNC		
Output		1 channel, BNC		
Two-way Talk		1 channel Input, 1 channel Output, BNC		
Display				
Interface		2 HDMI, 1 VGA, 1 TV, 1 Spot, BNC		
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split		1/4/8/9/16/25/36		
Privacy Masking		4 rectangular zones (each camera)		
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording				
Video/Audio Compression		H.264/MJPEG(IP)/G.711		
Resolution		1080P(1920×1080) / 720P(1280×720) / 960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Record Rate	IP	Max 160Mbps bit rate incoming		
	Analog	All channel@960H (25/30fps)		
Bit Rate		IP: 48~8192 Kb/s, Analog: 48~3072Kb/s		
Record Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Record Interval		1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm				
Trigger Event		Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips		
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input		16 channel		
Relay Output		6 channel		
Playback & Backup				

Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	2 RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB
External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB
Auxiliary Interface	
USB Interface	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	40W
Working Environment	-10°C ~ +55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	2U, 440mm×460mm×89mm
Weight	6.5KG(without HDD)

System Connection

