

# DVR1604HF-U

## 8/16/32ch Analog & IP 2U Hybrid DVR



### Features

- > Up to 8/16/32 channel with 1080p realtime live view
- > H.264/MJPEG decoding & H.264 dual-stream encoding
- > IP: Max 120fps@1080p, 240fps@720p, 480fps@D1;
- Analog: 4/8/16 channel@D1(4CIF) realtime recording
- > HDMI / VGA / TV / Spot simultaneous video output
- > All channel synchronous realtime playback, GRID interface & smart search
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech and etc.
- > ONVIF Version 2.0 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, CMS(DSS/PSS) & DMSS

<b>Model</b>	<b>DVR1604HF-U</b>
<b>System</b>	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
<b>Video</b>	
IP Video Input	16 channel
Analog Video Input	16 channel, BNC
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)

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Loop Output	16 channel, BNC				
<b>Audio</b>					
Input	16 channel, BNC				
Output	1 channel, BNC				
Two-way Talk	1 channel Input, 1 channel Output, BNC				
<b>Display</b>					
Interface	1 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				
<b>Recording</b>					
Video/Audio Compression	H.264 / MJPEG(IP) / G.711				
Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (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	<table border="0"> <tr> <td>IP</td> <td>Max 480fps@D1 / 240fps@720P / 120fps@1080P</td> </tr> <tr> <td>Analog</td> <td>All channel@D1(25/30fps) + CIF(25/30fps)</td> </tr> </table>	IP	Max 480fps@D1 / 240fps@720P / 120fps@1080P	Analog	All channel@D1(25/30fps) + CIF(25/30fps)
IP	Max 480fps@D1 / 240fps@720P / 120fps@1080P				
Analog	All channel@D1(25/30fps) + CIF(25/30fps)				
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~4096Kb/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.				
<b>Video Detection &amp; Alarm</b>					
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				
<b>Playback &amp; Backup</b>					
Sync Playback	1/4/9/16				
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search				
Playback Function	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				
<b>Network</b>					
Ethernet	RJ-45 port (10/100M/1000M)				
Network Function	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	20 users				
Smart Phone	iPhone, iPad, Android, Windows Phone				
<b>Storage</b>					
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB				

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External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB
<b>Auxiliary Interface</b>	
USB	3 ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
<b>General</b>	
Power Supply	AC 100~240V, 50/60 Hz
Power Consumption	40W
Working Environment	-10 ~ +55°C / 10~90%RH / 86~106kpa
Dimension (W×D×H)	2U, 440mm×460mm×89mm
Weight	6.5KG(without HDD)

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