

DH-DVR0404HD-U

8CH HD-SDI & IP 1080P 2U Hybrid DVR



Features

- > Up to 4/8 channel with 1080p realtime live view
- > H.264/MJPEG decoding & H.264 dual-stream encoding
- > HD-SDI: Max 100/120fps@1080p preview & recording
- > IP: Max 120fps@1080p/720p/D1 preview & recording
- > HDMI / VGA / TV / Spot simultaneous video output
- > 4 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

DH-DVR0404HD-U

Technical Specifications

Model	DH-DVR0404HD-U	
System		
Main Processor	Dual-core embedded processor	
Operating System	Embedded LINUX	
Video		
IP Video Input	4 channel	
HD-SDI Input	4 channel, BNC	
HD-SDI Video Standard	1080P(25/30) / 720P(25/30,50/60)	
Audio		
Input	4 channel, BNC	
Output	1 channel, BNC	
Voice Intercom	1 channel Input, 1 channel Output, BNC	
Display		
Interface	1 HDMI, 1 VGA, 1 TV, BNC	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split	1/4/8	
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) / D1/4CIF(704×576/704×480)	
Record Rate	IP	Max 100/120fps@1080p/720p/D1
	HD-SDI	Max 100/120fps@1080P
Bit Rate	48~8096Kb/s per channel	
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 Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	4 channel	
Relay Output	6 channel	
Playback & Backup		
Sync Playback	1/2/4	
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	

DH-DVR0404HD-U

	file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
Backup Mode	USB Device / eSATA Device / Internal SATA burner/ Network
Network	
Ethernet	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	20 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 100~240V, 50/60 Hz
Power Consumption	40W(without HDD)
Working Environment	-10 ~ +55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	2U, 440mm×460mm×89mm
Weight	6.5KG(without HDD)

DH-DVR0404HD-U

System Connection

