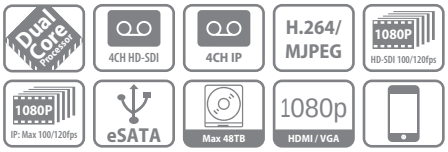
DH-DVR0404HD-U

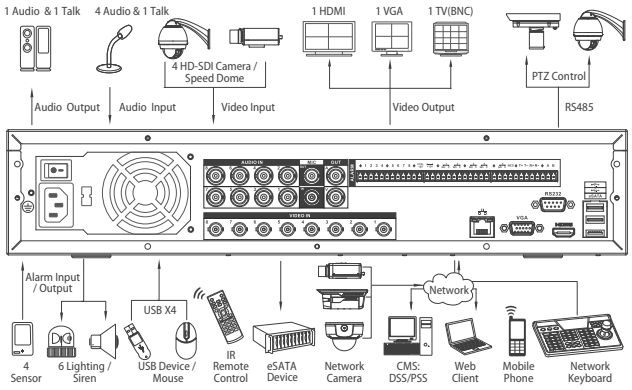
4Ch HD-SDI + 4Ch IP 1080P 2U Hybrid DVR



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

System Connection



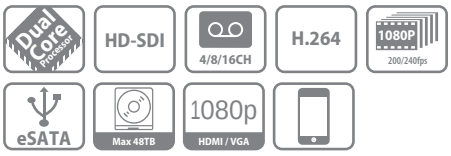
* Take DVR0404HD-U as an example

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	IP	1080P(1920×1080) / 720P(1280×720) / D1/4CIF(704×576/704×480)
	HD-SDI	Max 100/120fps@1080p/720p/D1
Record Rate		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 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-DVR0404/0804/1604HD-S

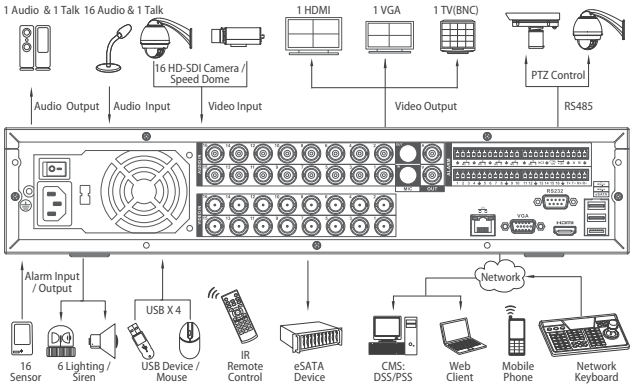
4/8/16 Channel HD-SDI 1080P 2U Standalone DVR



Features

- Up to 4/8/16 channel HD-SDI video 1080p realtime live view
- H.264 dual-stream video compression
- DVR0404HD-S: Max 100/120fps@1080p
  DVR0804/1604HD-S: Max 200/240fps@1080p
- HDMI / VGA / TV simultaneous video output
- 4 channel synchronous realtime playback,
  GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ 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

System Connection



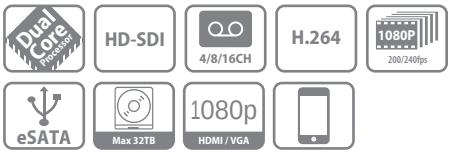
* Take DVR1604HD-S as an example

Technical Specifications

Model		DH-DVR0404HD-S	DH-DVR0804HD-S	DH-DVR1604HD-S
System				
Main Processor		Dual-core embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard		1080P(25/30) / 720P(25/30,50/60)		
Audio				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Output		1 channel, BNC		
Two-way Talk		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	1/4/8/9	1/4/8/9/16
Privacy Masking		4 rectangular zones (each camera)		
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording				
Video/Audio Compression		H.264 / G.711		
Resolution		1080P(1920×1080), 720P(1280×720), D1(704×576 / 704×480), CIF(352×288 / 352×240)		
Record Rate	Main stream	Max 100/120fps@1080p	Max 200/240fps@1080p	
	Extra stream	D1/CIF(25/30fps)		
Bit Rate		256~8096Kb/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		4 channel	8 channel	16 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 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		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		
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 100~240 V, 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-DVR0404/0804/1604HD-L

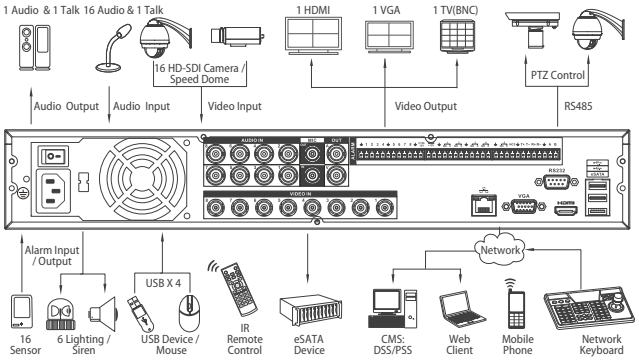
4/8/16 Channel HD-SDI 1080P 1.5U Standalone DVR



Features

- Up to 4/8/16 channel HD-SDI video 1080p realtime live view
- H.264 dual-stream video compression
- DVR0404HD-L: Max 100/120fps@1080p
  DVR0804/1604HD-L: Max 200/240fps@1080p
- HDMI / VGA / TV synchronous video output
- 4 channel synchronous realtime playback,
  GRID interface & smart search
- 3D intelligent positioning with Dahua PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

System Connection



* Take DVR1604HD-L as an example

Technical Specifications

Model		DH-DVR0404HD-L	DH-DVR0804HD-L	DH-DVR1604HD-L
System				
Main Processor		Dual-core embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard		1080P(25/30) / 720P(25/30,50/60)		
Audio				
Input		4 channel, BNC	8 channel, BNC	4 channel, BNC
Output		1 channel, BNC		
Two-way Talk		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	1/4/8/9	1/4/8/9/16
Privacy Masking		4 rectangular zones (each camera)		
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording				
Video/Audio Compression		H.264 / G.711		
Resolution		1080P(1920×1080), 720P(1280×720), D1(704×576 / 704×480), CIF(352×288 / 352×240)		
Record Rate	Main stream	Max 100/120fps@1080p	Max 200/240fps@1080p	
	Extra stream	D1/CIF(25/30fps)		
Bit Rate		256~8096Kb/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		4 channel	8 channel	16 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 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		
Max. User Access		20 users		
Smart Phone		iPhone, iPad, Android, Windows Phone		
Storage				
Internal HDD		4 SATA ports (4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB		
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(without HDD)		
Working Environment		-10 ~+55°C / 10~90%RH / 86~106kpa		
Dimension(W×D×H)		1.5U, 440mm×460mm×68mm		
Weight		6.0kg(without HDD)		