

## DH-DVR7016X-UH

32 CH Effio 960H&IP 3U Hybrid DVR



### Features

- > Up to 32 cameras with 1080p realtime live view
- > H.264 dual-stream video compression
- > IP: Max 240fps@1080p, 480fps@720p;  
Analog: 16 channel@960H(960×576/960×480) realtime recording
- > HDMI / VGA / TV / Spot simultaneous video output
- > 16 channel synchronous realtime playback, GRID interface & smart search
- > 3D intelligent positioning with Dahua PTZ camera
- > Support 16 SATA HDDs up to 64TB, 1eSATA up to 16TB, 4 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

# DH-DVR7016X-UH

## Technical Specifications

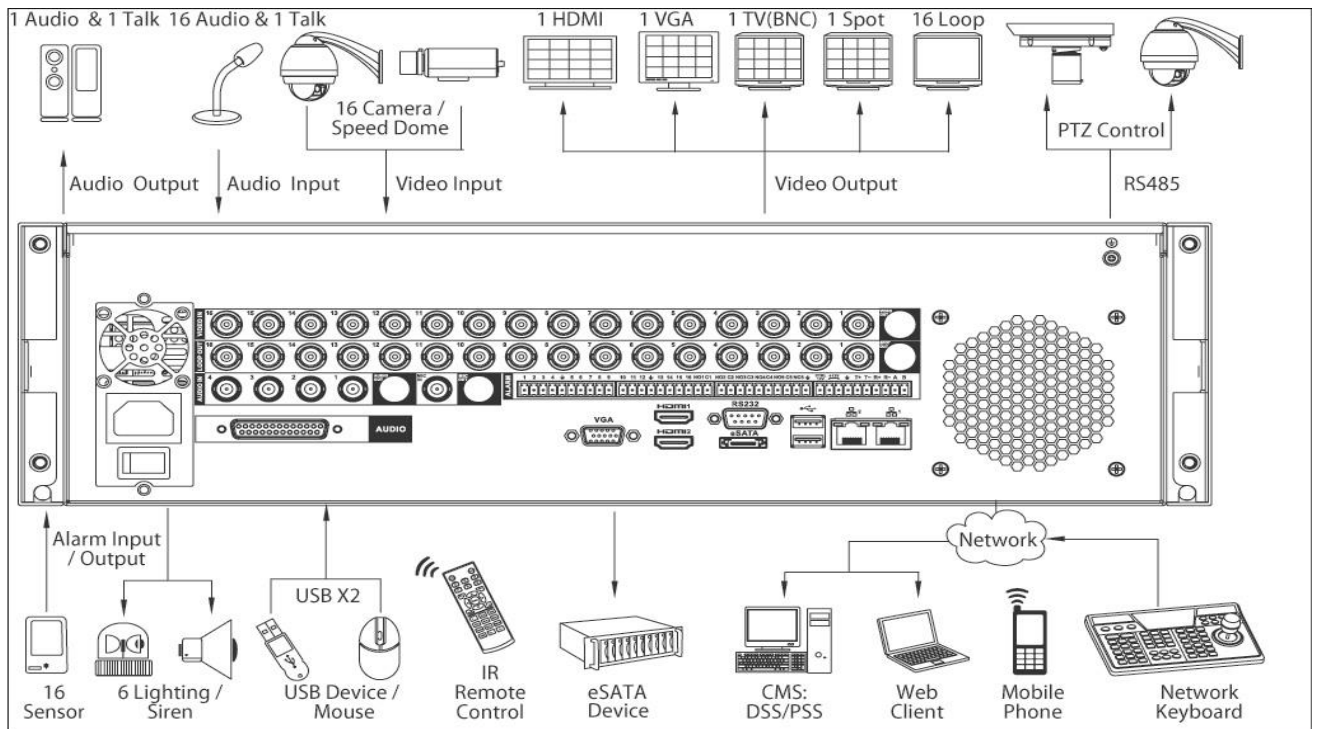
<b>Model</b>	<b>DH-DVR7016X-UH</b>	
<b>System</b>		
Main Processor	Dual-core embedded processor	
Operating System	Embedded LINUX	
<b>Video</b>		
IP Video Input	16 channel	
Analog Input	16 channel, BNC	
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s) , Effio 960H camera	
Loop Output	16 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	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	
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) / 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 480fps@720P / 240fps@1080P
	Analog	All channel@960H (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 Events	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	

## DH-DVR7016X-UH

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
<b>Network</b>	
Ethernet	2RJ-45 port (10/100/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Storage</b>	
Internal HDD	16 SATA ports (16HDDs or 14HDDs+1CD/DVD-RW), up to 64TB
External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB
<b>Auxiliary Interface</b>	
USB	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
<b>General</b>	
Power Supply	AC100V~240V, 50/60Hz
Power Consumption	45W (Without HDD)
Working Environment	-10°C ~ +55°C / 10~90%RH / 86~106kpa
Dimension(W×D×H)	3U, 439.7mm×448mm×133mm
Weight	8KG (Without HDD)

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## System Connection



Take DH-DVR7016X-UH as an example

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\*Design and specifications are subject to change without notice.

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