

## DH-DVR2104/2108/2116HE

4/8/16CH 2CIF Mini 1U Standalone DVR



### Features

- > Up to 8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > DVR2104/2108/2116HE: All channel 2CIF realtime recording or up to 960H recording
- > HDMI/VGA/TV simultaneous video output
- > 4/8/16 channel synchronous realtime playback, GRID interface & smart search
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Support 1 SATA HDD up to 4TB, 2 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

# DH-DVR2104/2108/2116HE

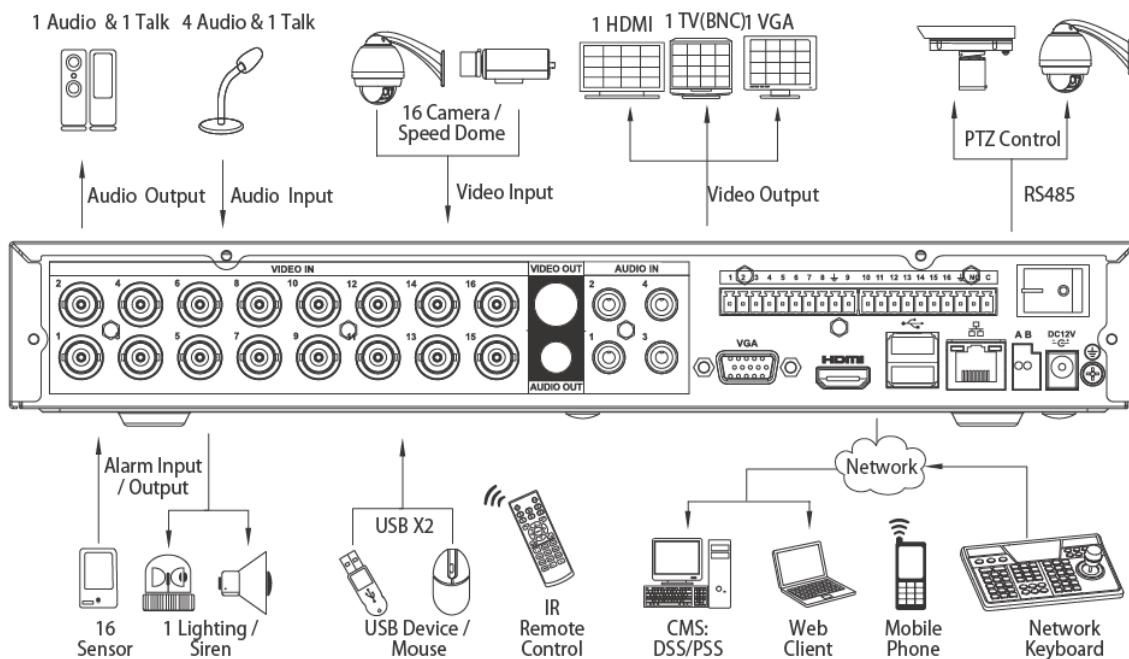
## Technical Specifications

Model	DH-DVR2104HE	DH-DVR2108HE	DH-DVR2116HE	
<b>System</b>				
Main Processor	Embedded processor			
Operating System	Embedded LINUX			
<b>Video</b>				
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
<b>Audio</b>				
Input	4 channel, RCA			
Output	1 channel, RCA			
Two-way Talk	Reuse audio input/output channel 1			
<b>Display</b>				
Interface	1 HDMI, 1 VGA, 1 TV			
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600			
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			
<b>Recording</b>				
Video/Audio Compression	H.264 / G.711			
Resolution	960H(960×576/960×480)/D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)			
Record Rate	Main Stream:	1ch@960H+1ch@D1+2ch@CIF(1~25/30fps)	2ch@960H+6ch@CIF(1~25/30fps)	4ch@960H+12ch@CIF(1~25/30fps)
	Extra Stream	QCIF(1~25/30ps)/CIF(1~6/7fps)		
Bit Rate	48~3072Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), Stop			
Record Interval	1~60 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 out, Video Push, Email, FTP, Snapshot, 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	3 channel	3channel	1channel	
<b>Playback &amp; Backup</b>				
Sync Playback	1/4	1/4/9	1/4/9/16	
Search Mode	Time/Date, MD & Exact search (accurate to second)			
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/Network/Internal SATA burner			

# DH-DVR2104/2108/2116HE

Network	
Ethernet	RJ-45 port (10/100M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	1 SATA port, up to 4TB
Auxiliary Interface	
USB Interface	2 ports (1 Rear), USB2.0
RS485	PTZ control
General	
Power Supply	DC12V/2A
Power Consumption	10W(without HDD)
Working Environment	-10°C ~ +55°C / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	Mini 1U, 325mm×245mm×45mm
Weight	1.5KG(without HDD)

## System Connection



\*Takes DVR2116HE as an example

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

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