

# DVR2104/2108/2116HE

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



## Features

- > Up to 4/8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > DVR2104/2108/2116HE: All channel 2CIF realtime recording
- > HDMI / VGA / TV simultaneous video output
- > All 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/PSS) & DMSS

## Technical Specifications

Model	DVR2104HE	DVR2108HE	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

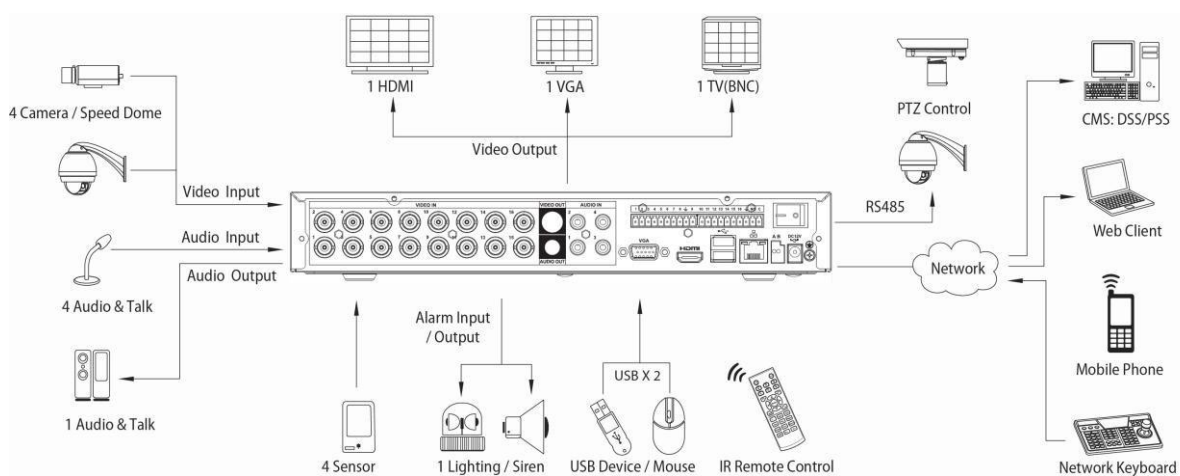
## DVR2104/2108/2116HE

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, BNC(1.0Vp-p, 75Ω)			
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	D1(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/QCIF(176×144/176×120)			
Record Rate	Main Stream:	D1(1~6/7fps)/2CIF(1~25/30fps)/2ch@D1+2ch@CIF(1~25/30fps)	D1(1~6/7fps)/2CIF(1~25/30fps)/2ch@D1+6ch@CIF(1~25/30fps)	D1(1~6/7fps)/2CIF(1~25/30fps)/2ch@2D1+14ch@CIF(1~25/30fps)
	Extra Stream	CIF(1~6/7fps)/QCIF(1~25/30ps)		
Bit Rate	48~4096Kb/s			
Record Mode	Manual, Schedule(Regular(Continuous), MD), 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, Video Push, Email, FTP, 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)			

# DVR2104/2108/2116HE

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
<b>Network</b>	
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
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Storage</b>	
Internal HDD	1 SATA port, up to 4TB
<b>Auxiliary Interface</b>	
USB Interface	2 ports (1 Rear), USB2.0
RS485	PTZ control
<b>General</b>	
Power Supply	DC12V/2A
Power Consumption	10W(without HDD)
Working Environment	-10 ~ +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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