

DH-DVR2108/2116HE-V2

8/16CH 2CIF Mini 1U Standalone DVR



Features

- > Up to 8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > DVR2108/2116HE-V2: All channel 2CIF realtime recording or up to 960H recording
- > HDMI/VGA/TV/Spot simultaneous video output
- > 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-DVR2108/2116HE-V2

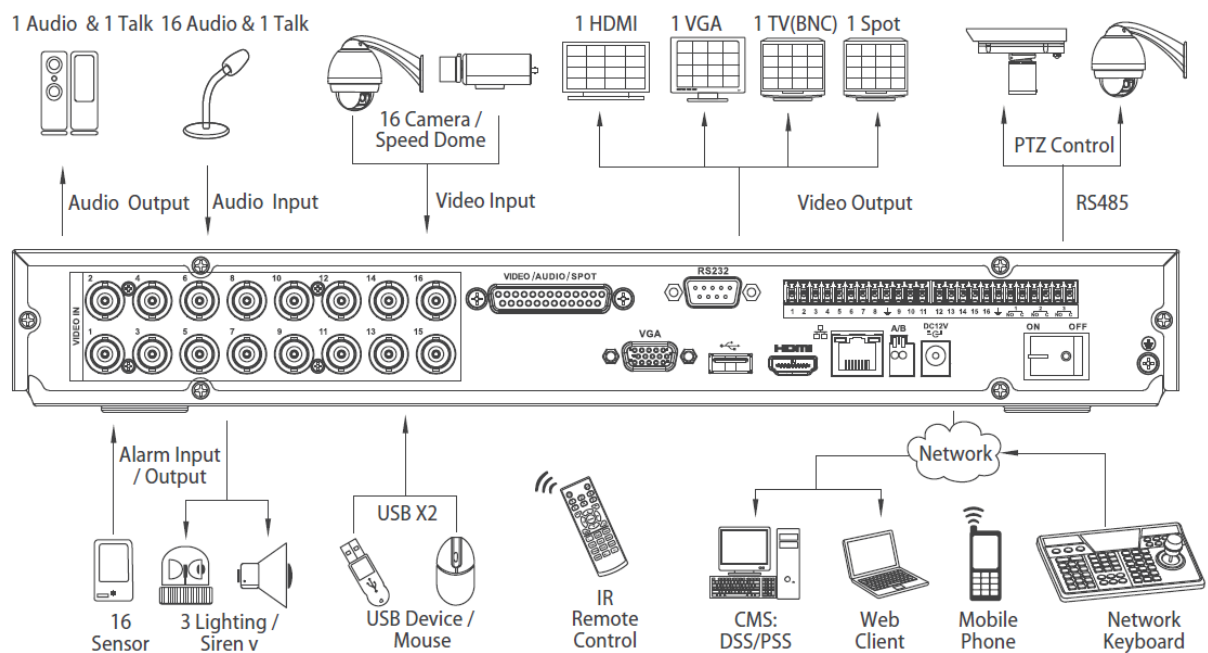
Technical Specifications

Model	DH-DVR2108HE-V2	DH-DVR2116HE-V2
System		
Main Processor	Embedded processor	
Operating System	Embedded LINUX	
Video		
Input	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
Audio		
Input	8 channel, RCA	16 channel, RCA
Output	1 channel, RCA	1 channel, RCA
Two-way Talk	Reuse audio input/output channel 1	
Display		
Interface	1 HDMI, 1 VGA, 1 TV,1 Spot	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600	
Display Split	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	960H(960x576/704x480)/D1(704x576/704x480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/ QCIF(176×144/176×120)	
Record Rate	Main Stream:	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	
Video Detection& Alarm		
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	8 channel	16 channel
Relay Output	3 channel	
Playback & Backup		
Sync Playback	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-DVR2108/2116HE-V2

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×255mm×55mm
Weight	1.5KG(without HDD)

System Connection



*Takes DVR2116HE-V2 as an example

Dahua Technology Co., Ltd.

1199' BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuatech.com

*Design and specifications are subject to change without notice.

© 2014 Dahua Technology Co., Ltd.