

DH-DVR3104/3108/3116-E

4/8/16 Channel Entry-level Mini 1U Standalone DVR



DH-DVR3104-E: 4 channel video inputs, 1 channel audio input. It can support CIF realtime recording or D1(4CIF) recording with 6/7fps. It can support TV, VGA, USB2.0.

DH-DVR3108-E: 8 channel video inputs, 1 channel audio input. It can support CIF realtime recording or D1(4CIF) recording with 6/7fps. It can support TV, VGA, USB2.0.

DH-DVR3116-E: 16 channel video inputs, 1 channel audio input. It can support CIF realtime recording or D1(4CIF) recording with 6/7fps. It can support TV, VGA, USB2.0.

Features

- > 4/8/16 channel entry level mini 1U standalone DVR
- > Up to 4/8/16 cameras with SXGA(1280×1024) display
- > H.264 dual-stream video compression
- > VGA / TV synchronous video output
- > Live, recording, playback, backup & remote access
- > All channel simultaneous realtime playback
- > Smart video detection: MD, camera blank, video loss
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Easy backup: USB devices, network download
- > Support 1 SATA HDD, 2 USB2.0
- > Built-in web server, multi-DVR client, DMSS & CMS

DH-DVR3104/3108/3116-E

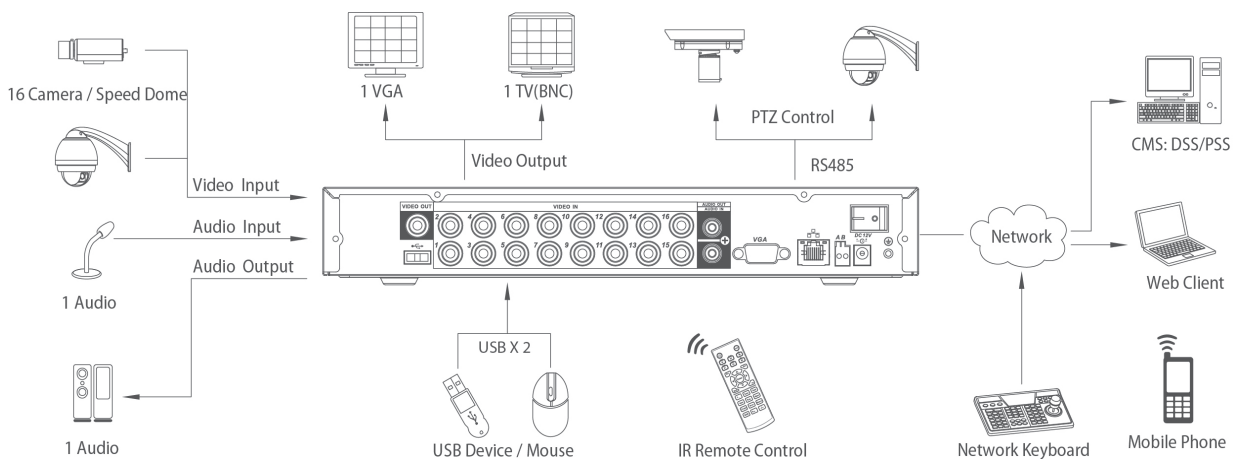
Specifications

Model	DH-DVR3104-E	DH-DVR3108-E	DH-DVR3116-E
System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video			
Input	4 channel, BNC(1.0Vp-p, 75Ω)	8 channel, BNC(1.0Vp-p, 75Ω)	16 channel, BNC(1.0Vp-p, 75Ω)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Output	1 VGA, 1 TV, BNC(1.0Vp-p, 75Ω)		
Audio			
Input	1 channel, RCA(200-2800mV, 30KΩ)		
Output	1 channel, RCA(200-3000mV, 5KΩ)		
Bidirectional Talk	Same with audio input channel 1		
Display			
Display Split	1/4	1/4/8/9	1/4/8/9/16
Resolution	1280×1024, 1280×720, 1024×768, 800×600		
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording			
Video/Audio Compression	H.264 / G.711		
Image Resolution	D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
Encoding Speed	Main Stream: D1(1~6/7fps)/CIF(1~25/30fps) Extra Stream: QCIF(1~25/30fps)		
Bit Rate	32~2048Kb/s		
Image Quality	1~6 level(level 6 is the best, VBR effectively)		
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss)), Stop		
Recording Priority	Manual > MD >Regular		
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection			
Trigger Events	Recording, PTZ movement, Tour, Email		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
Video Loss & Camera Blank	Support		
Playback & Backup			
Playback Channel	1/2/4/All		
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,		

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	Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
Backup Mode	Flash drive / USB HDD / USB CD&DVD-RW / Network download
Network	
Ethernet	RJ-45 port (10/100M)
Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	1 SATA port, Max 3TB HDD supported
Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm
Auxiliary Interface	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS485	PTZ control
Environmental	
Power Supply	DC12V/2A
Power Consumption	10W(without HDD)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension	Mini 1U, 325mm×245mm×45mm(W×D×H)
Weight	1.5KG(without HDD)

System Connection



DVR3116-E System Connection