

## DH-DVR3104/3108/3116

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



**DH-DVR3104:** 4 channel video inputs, 2 channel audio inputs. It can support CIF realtime recording or D1(4CIF) recording with 6/7fps. It can support TV, VGA, USB2.0.

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

**DH-DVR3116:** 16 channel video inputs, 4 channel audio inputs. 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 CIF 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

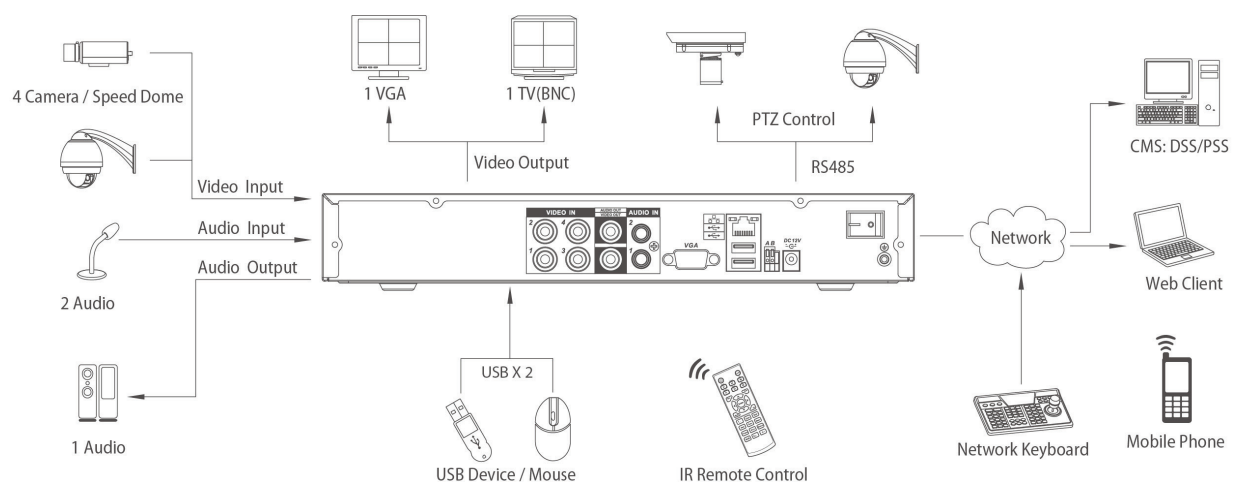
## Specifications

Model	DH-DVR3104	DH-DVR3108	DH-DVR3116
<b>System</b>			
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		
<b>Video</b>			
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)		
<b>Audio</b>			
Input	2 channel, RCA(200-2800mV, 30KΩ)	4 channel, RCA(200-2800mV, 30KΩ)	4 channel, RCA(200-2800mV, 30KΩ)
Output	1 channel, BNC(200-3000mV, 5KΩ)		
Bidirectional Talk	Same with audio input channel 1		
<b>Display</b>			
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		
<b>Recording</b>			
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.		
<b>Video Detection</b>			
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		
<b>Playback &amp; Backup</b>			
Playback Channel	1/2/4/All		
Search Mode	Time/Date, MD & Exact search (accurate to second)		

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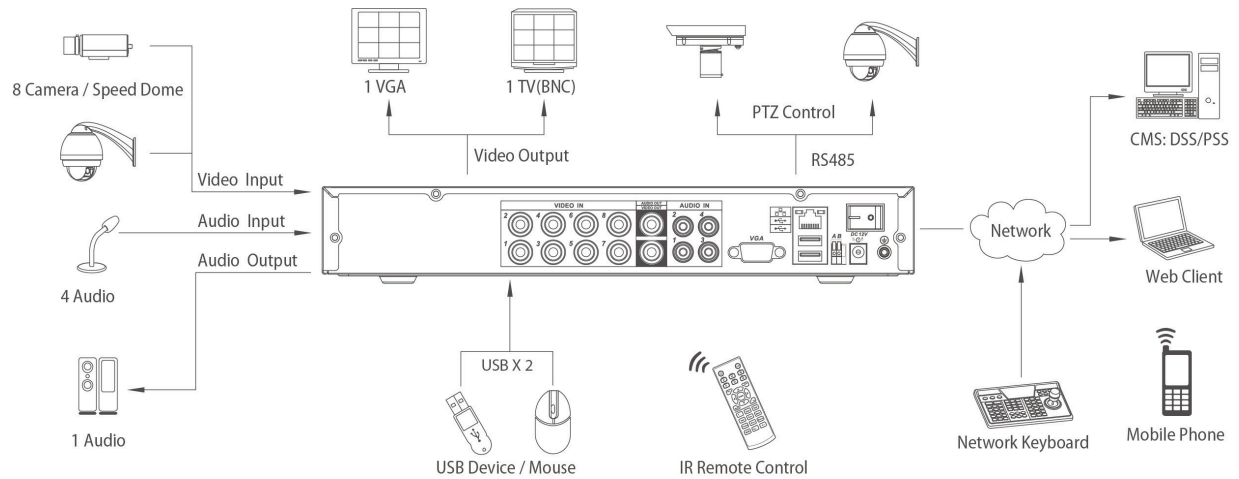
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)
Backup Mode	Flash drive / USB HDD / USB CD&DVD-RW / Network download
<b>Network</b>	
Ethernet	RJ-45 port (10/100M)
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
<b>Hard Disk</b>	
Hard Disk	1 SATA port, Max 2TB HDD supported
Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm
<b>Auxiliary Interface</b>	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS485	PTZ control
<b>Environmental</b>	
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

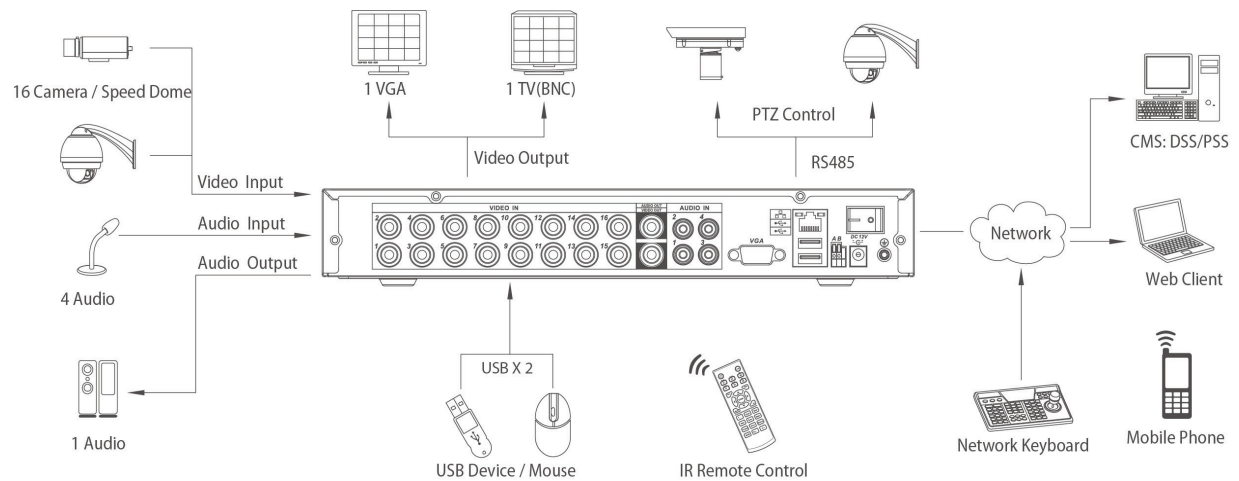


DVR3104 System Connection

# DH-DVR3104/3108/3116



DVR3108 System Connection



DVR3116 System Connection

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

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