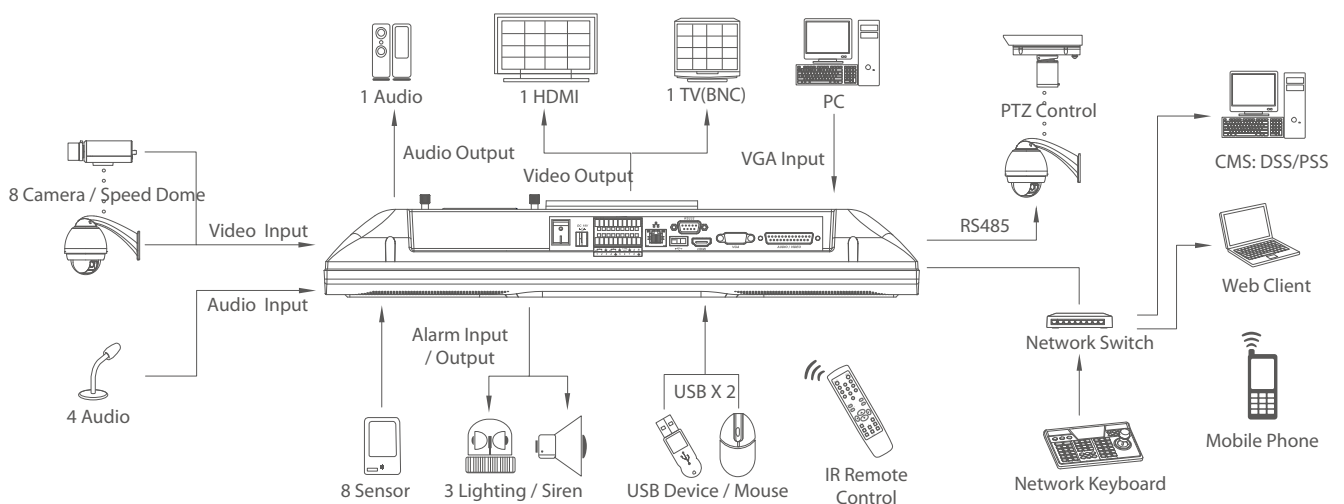| 16 CH | H.264 | Max 400/480fps | 16CH | Max 2TB HDD |
| 1366x768 19" | 1280x1024 HDMI | | | |

DH-CVR0404: 4 channel video inputs and 4 channel audio inputs. The 1st video channel can support max 4CIF realtime recording and other channels can support CIF realtime recording. It can support TV, HDMI, and USB2.0. VGA can be used for external PC input.

Features

- 16 channels combo standalone DVR
- Up to 16 cameras with SXGA(1280×1024) display
- Built-in 19 inch LCD display(1366×768), it can as a PC monitor with VGA input
- H.264 video compression algorithm ideal
- Each channel at CIF and special channel at D1 recording
- Dual encoding streams supported
- TV(BNC)/ HDMI synchronous video output

- live, recording, playback, backup & remote access
- 16 channel simultaneous playback
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with DAHUA PTZ dome
- Easy backup: USB devices, network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail, FTP upload
- Supports 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client, MSS & CMS

System Connection

Specifications

Model		DH-CVR1604
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	16 channel, BNC(1.0Vp-p, 75Ω) / 1 VGA for external PC input
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
	Output	1 TV, BNC(1.0Vp-p, 75Ω),1 HDMI, Built-in 19 inch LCD
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ), Channel 1 for bidirectional-talk input synchronously
	Output	1 channel, BNC(200-3000mV, 5KΩ)\
Display	Display Split	1/4/8/9/16
	Resolution	1280×1024, 1280×720, 1024×768, 800×600, 1366×768
	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:
		Channel 1 & 9: D1/CIF/QCIF (1~25/30fps) / Others Channel: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)
		Extra Stream: QCIF(1~25/30fps), CIF (1~6/7fps)
	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), Alarm, Stop
	Recording Priority	Manual >Alarm >MD >Regular
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
	Video Loss & Camera Blank	Support
	Alarm Input	16 channel
	Relay Output	3 channel
Playback & Backup	Playback Channel	1/2/4/All
	Search Mode	Time/Date, Alarm, Motion Detection & 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(any size)
	Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / Network download
Network	Ethernet	RJ-45 port (10/100M)
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	Hard Disk	1 SATA port, Max 2TB per HDD supported, 3.5" SATA HDD
	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
	RS232	Dahua keyboard, PC communication
	RS485	PTZ control
Environmental	Power Supply	AC 100~240 V, 50/60 Hz
	Power Consumption	25W
	Working Environment	-10~+55℃ / 10~90%RH / 86~106kpa
	Dimension	490mm×70mm×370mm(W×D×H)
	Weight	3.0KG(without HDD)