

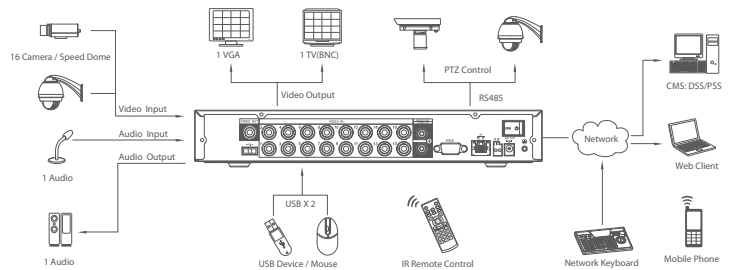


Features

- 4 channel entry level mini 1U standalone DVR
- Up to 4 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



System Connection



DVR3116-E System Connection

Specifications

Model	DH-DVR3104-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)	
	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	
	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,	

Specifications

Model		DH-DVR3104-E
		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
	Dimension	Mini 1U, 325mm×245mm×45mm(W×D×H)
	Weight	1.5KG(without HDD)