

XDVR-E Series



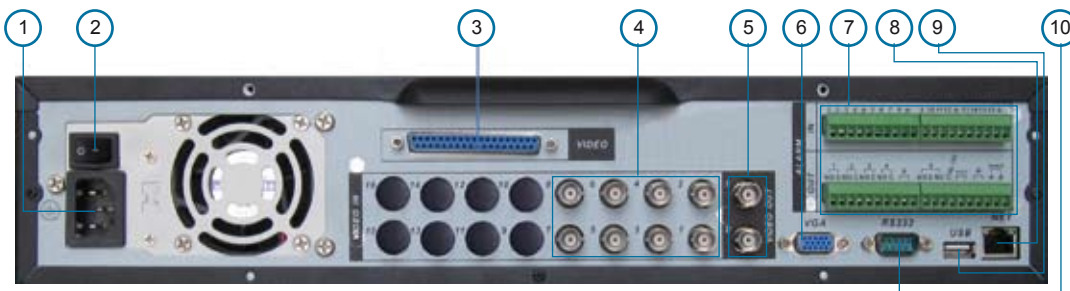
Technical Specifications

Model	XDVR-E04	XDVR-E08	XDVR-E16
System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
User Interface	GUI, on-screen menu tips.		
Control Device	USB mouse, keyboard, IR remote control, network keyboard.		
Input Method	Numeral/Character/Denotation		
System Status	HDD status, data stream statistics, log record, bios version, on-line user and etc.		
Hard Disk			
Hard Disk	8 SATA ports, 8 HDDs supported.		
Space Occupation	Audio : 14.4MB/H Video : 56 ~ 400MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)		
Auxiliary Interface			
USB Interface	1 for mouse control, 1 for backup.		
RS232	Keyboard, PC communication		
RS485	PTZ control		
Environmental			
Power Supply	220V 50Hz / 110V 60Hz		
Power Consumption	25W	30W	40W
Working Temperature	-10°C ~ +55°C		
Working Humidity	10% ~ 90%		
Atmosphere Pressure	86kpa ~ 106kpa		
Dimension	2U, 440mmx460mmx89mm (W*D*H)		
Weight	12KG		
Mounting	Desktop or rack		

Video			
Video Input	4 Channel BNC	8 Channel, BNC, 1.0Vp-p, 75Ω, looping(optional)	16 Channel, BNC, 1.0Vp-p, 75Ω, looping(optional)
Video Output	1 channel TV BNC, 1 VGA, 4 Loop, 1channel Matrix Out	2 channel TV BNC, 1 VGA, 8 Loop, 1 channel Matrix Out	2 channel TV BNC, 1 VGA, 16 Loop, 1 channel Matrix Out
Video Standards	PAL (625Line, 50f/s) NTSC (525Line, 60f/s)		
Video Compression	H.264		
Video Resolution	D1 (4CIF): NTSC (704*480) / PAL (704*576) CIF: NTSC (352 *240) / PAL (352 *288)		
Video Recording	D1 (4CIF): NTSC (1f/s ~ 7f/s) / PAL (1f/s ~ 6f/s) CIF: NTSC (1f/s ~ 30f/s) / PAL (1f/s ~ 25f/s)		
Video Display Split	Full and multiple screen display, 1 / 4	Full and multiple screen display, 1 / 4 / 8 / 9	Full and multiple screen display, 1 / 4 / 8 / 9 / 16
Tour Display	Support		
Image Quality	1 ~ 6 level (level 6 is the best)		
Privacy Masking	Self-defined four-sided zone for privacy masking for each camera		
Camera Lock	Camera locked for users		
Camera Adjustment	Adjust color according to different time period		
Video Information	Camera title, time, video loss, camera lock, motion detection, recording		
TV Output Adjustment	Adjust TV output color & display zone		
Audio			
Audio Input	4 channel, BNC, 200-2800mV, 30KΩ	8 channel, BNC, 200-2800mV, 30KΩ	16 channel, BNC, 200-2800mV, 30KΩ
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30KΩ		
Audio Output	1 channel, BNC, 200-3000mv, 5KΩ		
Audio Compression	ADPCM		
Video Detection & Alarm			
Motion Detection	Zones: PAL 396 (22*18)/NTSC 330(22*15) detection zones, Sensitivity: 1 ~ 6 (level 6 is highest), Trigger recording, PTZ movement, tour, alarm & FTP		
Video Loss	Trigger recording, PTZ movement, tour, alarm, e-mail & FTP		
Camera masking	Trigger recording, PTZ movement, tour, alarm, e-mail & FTP		
Alarm Input Channel	4 channel	16 channel	16 channel
Alarm Input Options	Programmable, ground, manual open/closed, Trigger recording, PTZ movement, tour, alarm, email & FTP		
Alarm Output Channel	3 channel, 30VDC, 1A, NO/NC, form-C	6 channel, 30VDC, 1A, NO/NC, form-C	6 channel, 30VDC, 1A, NO/NC, form-C
Relay output Options	30VDC, 1A, NO/NC, form-C		
Record, Playback & Backup			
Recording Mode	Manual, continuous, video detection (including motion detection, camera masking, video loss), Alarm		
Recording Priority	Manual >Alarm >Video Detection >Continuous.		
Recording Interval	1 to 120 minutes (default: 60 minutes)		
Overwrite Mode	Support		
Raid Function	Support		
Search Mode	Time/Date, Alarm, Motion Detection & exact search (accurate to second)		
Playback channel	up to 4 Channel		
Playback Options	Play, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection.		
Digital Zoom	Selected zone can zoom into full screen during playback		
Backup Mode	Flash stick/ USB HDD/ USB CD-RW/DVD-RW/ built-in SATA Burner/ network download		
Network			
Interface	RJ-45 Port (10/100M)		
Network Functions	TCP/IP, DHCP, DDNS, PPPoE, E-mail, FTP		
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information		

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Back Panel



1. Power In
2. Power Switch
3. Audio In, Loop & Matrix Out
4. Video In
5. Video Out
6. VGA Out
7. Alarm In & Alarm Out. RS485 Port
8. 10/100M RJ45 Port
9. USB Port
10. RS232 Port

