

NetVISION®

. XVRD831
. 8CH 1080P & H.264 XDVR

. H.264 Video Compression
. Max HD 5mp input, IP 8MP input
. Support 1 SATA
. 5 IN 1 Analog/AHD/CVI/TVI
2.0/TVI 3.0/Network



◆ SPECIFICATION

Model	NV-XVRD831
System	
Main Processor	HI3531A
Operating System	Embedded LINUX
Video	
Input	Analog: 8*(TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI/CVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 6*Analog+10*network(Max 8MP), 4*Analog+12*network(Max 8MP), 2*Analog+14*network(Max 8MP) Network: 32*network(Max 8MP)(Total incoming bandwidth ≤200M)
Input	8CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1 HDMI,1 VGA, 1CVBS
Audio	
Input	4Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	NO
Output	NO
Motion Detection	8 Channel(max 32 Channel in pure network mode)
Trigger Events	Recording, Alarm, Email, Screen tips, Buzzer
Email Alarm	Send Image to The Designated E-mail
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
Display	
VGA	resolution: 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
HDMI	resolution: 3840×2160/30Hz, 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
Display Split	36 Channel/25 Channel/16 Channel/9 Channel/8 Channel/4 Channel / 1Channel
Privacy Masking	1 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
Recording	
Video Compression	H.264
Audio Compression	G711u
Resolution	5MP(2592×1944);4MP(2560×1440),3MP(2048×1536);1080P(1920×1080);720P(1280×720);960H(P:960×576/N:960×480)
Video Quality	worst/worse/ordinary/well/best
Record Rate	Analog: PAL:5MP(2592×1944 8*12fps),4MP(2560×1440 8*15fps),3MP(2048×1536 8*18fps);1080P(1920×1080 8*25fps),720P(1280×720 8*25fps), 960H(960×576 8*25fps) NTSC:5MP(2592×1944 8*12fps),4MP(2560×1440 8*15fps),3MP(2048×1536 8*18fps);1080P(1920×1080 8*30fps),720P(1280×720 8*30fps), 960H(960×480 8*30fps) Pure IP:PAL :4k@18×25fp,5MP@20×25fp,4MP@28×25fp,3MP@28×25fp,1080P@32×25fp, 960P@32×25fp,720P@32×25fp, D1@32×25fp NTSC: 4k@18×30fp,5MP@20×30fp,4MP@28×30fp,3MP@28×30fp,1080P@32×30fp, 960P@32×30fp, 720P@32×30fp, D1@32×30fp
Record Mode	Manual\Timer\Motion Detection\alarm
Playback & Backup	
Decode Capability	4CH 5M@30fps
Sync Playback	Pure Analog: 8CH 5M@12fps,8CH 4M@15fps, 8CH 3M@18fps, 8CH 1080p@30fps 2CH HD+14CH IPC: 2CH 5M@30fps, 2CH 4M@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps 4CH HD+12CH IPC: 2CH 5M@30fps, 2CH 4M@30fps, 3CH 3M@30fps,4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps 6CH HD+10CH IPC: 2CH 4M@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps Pure IPC: 2CH 4K@30fps, 4CH 5M@30fps, 4CH 4M@30fps, 4CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps
Remote Playback	4 Channel / 1 Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast play, Rewind
Smart Phone Playback	4 Channel
Backup Mode	USB Device/Network
Network	
Interface	1 RJ45 10M/100/1000M Adaptive Ethernet Interface
Network Functions	HTTP, IPv4,IPv6, TCP/IP, SMTP, DHCP, DNS, PPPOE, DDNS, NTP, FTP, UPNP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES
Web Browser	IE8-11, Google Chrome (IE Tab), Firefox (IE Tab)
CMS Software	Support Windows 7/ Windows 8/Windows 10
Extra Stream	CIF(1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
Hard Disk Driver	
Interface Type	1 SATA Interface
Capacity	2.5"/3.5" SATA, Up to 6TB
General	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V ≤10W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (W×D×H)	220*219*50(mm)
Weight	2.0kg (Without HDD)