



Model	XVRA820
System	
Main Processor	HI3520DV300
Operating System	Embedded LINUX
Video	
Input	Anolog: 8*1080N Anolog+Network: 6*Anolog(1080N)+2*network(Max 5MP), 4*Anolog(1080N)+4*network(Max 5MP), 2*Anolog(1080N)+6*network(Max 5MP) Network: 16*network(Max 5MP)(Total incoming bandwidth ≤50M)
Input	8CH BNC
Signal Type	Anolog/AHD/CVI/TVI 2.0/Network
Output	1HDMI,1 VGA, 1CVBS
Audio	
Input	4Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	4 Channel
Output	1 Channel
Motion Detection	8 Channel(max 16 Channel in pure network mode)
Trigger Events	Recording, PTZ, Tour, Alarm, Email, Screen tips
Email Alarm	Send Pieces to The Designated E-mail
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
Display	
VGA	Resolution: 1024×768, 1280×720, 1280×1024, 1920×1080
HDMI	Resolution: 1024×768, 1280×720, 1280×1024, 1920×1080
Display Split	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	G711A
Resolution	Half 1080P(960×1080);720P(1280×720);960H(P:960×576/N:960×480)
Video Quality	worst/worse/ordinary/well/best
Record Rate	Half 1080P(960×1080 8*15fps),720P(1280×720 8*15fps), 960H(P:960×576 8*25fps/N:960×480 8*30fps)
Record Mode	Manual\Timer\Motion Detection\alarm
Playback & Backup	
Sync Playback	Pure Anolog: 4CH 1080N@15fps Mixture Mode: 4CH 1080N@15fps Pure: 4CH 1080P@30fps, 1CH 5MP
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast play, Rewind
Smart Phone Playback	1 Channel
Backup Mode	USB Device/Network
Network	
Interface	1 RJ45 10M/100M/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 XP /Windows Vista/Windows 7/Windows 8
Extra Stream	D1/CIF(1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
Hard Disk Driver	
Interface Type	2 SATA Interface
Capacity	2.5"/3.5" SATA, Up to 12TB
General	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turcic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek
UTC Control	Support AHD Signal
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V ≤10W
Working Environment	-10~55°C/10~90%
Dimension (W×D×H)	354*263*50(mm)
Weight	4.5kg (Without HDD)

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