



◆ SPECIFICATION

Model	XVR CDA820
System	
Main Processor	HI3520DV400
Operating System	Embedded LINUX
Video	
Input	Normal Mode: Analog: 8*(TVI/AHD: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 2*Analog(5MP)+7*network(MAX 5MP),4*Analog(5MP)+5*network(MAX 5MP), 6*Analog(5MP)+3*network(MAX 5MP) Network: 12*5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤48M)
Input	8CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA, CVBS
Audio	
Input	2 Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	4 CH
Output	1 CH
Motion Detection	8 Channel(max 12 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
Email Alarm	Send Image to The Designated E-mail
AI Function	
Face Comparison	1 channel video stream face Comparison(1 face databases with 10 face images)
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
HD Output	Resolution: 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz
Display Split	16 Channel/9 Channel/8 Channel/4 Channel / 1Channel
Privacy Masking	3 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
Recording	
Video Compression	H.265+/H.265/H.264+/H.264
Audio Compression	G.711u/G.711a/AAC
Resolution	5MP_Lite(1296×1944),4MP_Lite(1280×1440),3MP_Lite(1024×1536),1080N(960×1080),720P(1280×720),960H(P:960×576/N:960×480)

Video Quality	worst/worse/ordinary/well/best
Record Rate	Analog: PAL: 5MP_Lite(1296×1944 8*6fps),4MP_Lite(1280×1440 8*8fps),3MP_Lite(1024×1536 8*10fps), 1080N(960×1080 8*15fps), 720P(1280×720 8*15fps), 960H(960×576 8*25fps) NTSC:5MP_Lite(1296×1944 8*6fps),4MP_Lite(1280×1440 8*8fps), 3MP_Lite(1024×1536 8*10fps),1080N(960×1080 8*15fps), 720P(1280×720 8*15fps), 960H(960×576 8*25fps) Pure IP(H.265): PAL: 5MP@8×25fps,4MP@12×25fps,3MP@12×25fps,1080P@12×25fps,960P@12×25fps,720P@12×25fps,D1@12×25fps NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@12×30fps, 960P@12×30fps, 720P@12×30fps, D1@12×30fps
Record Mode	Manual\Timer\Motion Detection\AI Alarm\Alarm Input
Playback & Backup	
Decode Capability	2CH 1080P@30fps
Sync Playback	Pure Analog: 8CH 960H@25fps, 8CH 720P@15fps, 7CH 1080N@15fps, 7CH 5M_LITE@6fps, 7CH 4M_LITE@8fps, 7CH 3M_LITE@10fps Mixture mode: 4CH D1@25fps, 2CH 1080P@25fps, 1CH 5MP@25fps Pure Network: 4CH D1@25fps, 2CH 1080P@25fps, 1CH 5MP@25fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast play, Slow play, Rewind, Single frame forward/back, Digital Zoom, Full screen
Smart Phone Playback	4 Channel
Backup Mode	USB Device(with format FAT 32)/Network/FTP
Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/ Windows 8/Windows 10
Extra Stream	CIF/D1(1-12fps)
Smart Phone	iPhone, ipad, Android ,Android pad
Hard Disk Driver	
Interface Type	1 SATA Interface
Capacity	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)
General	
Language	Simplified Chinese,Traditional Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek, Vietnamese, Japanese
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Building 2	DC 12V/2A ≤6W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)