



SPECIFICATION

Model	XVR5016C1N
System	
Main Processor	MC6650
Operating System	Embedded LINUX
Video	
Input	Analog: 16*(TVI/AHD: 5M@12fps; AHD/TVI/CVI: 4M@15fps;AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 2*Analog(5MP)+14*network(MAX 8MP),4*Analog(5MP)+12*network(MAX 8MP),6*Analog(5MP)+10*network(MAX 8MP),8*Analog(5MP)+8*network(MAX 8MP),10*Analog(5MP)+6*network(MAX 8MP),12*Analog(5MP)+4*network(MAX 8MP),14*Analog(5MP)+2*network(MAX 8MP) Network: 16*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤80M)
Input	16CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA
Audio	
Input	1 ChannelRCA,support AOC
Two-way Audio	NO
Output	1 Channel RCA
Alarm	
Sensor Input	NO
Output	NO
Motion Detection	16 Channel
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
Email Alarm	Send Image to The Designated E-mail
AI Function	
Human Detection	YES
PTZ	
Interface	NO
Protocol	Coaxial Control
Baud Rate	NO
Address	NO
Display	
VGA	Resolution:1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768
HD Output	Resolution:1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768
Display Split	1/4/8/9/16
Privacy Masking	3 Rectangular Zones (Each camera)

OSD	Camera title, Time, Video loss, Motion detection, Recording
Recording	
Video Compression	H.265/H.265+/H.264/H.264+
Audio Compression	G.711U/G.711A
Resolution	5MP_Lite(1280×1952),4MP_Lite(1280×1440),1080N(960×1080),720P(1280×720),960H(960×480)
Video Quality	Lowest/Low/Ordinary/Good/Better/Best
Record Rate	Analog: PAL: 5MP_Lite(1280×1952 16*6fps),4MP_Lite(1280×1440 16*8fps),1080N(960×1080 16*15fps),720P(1280×720 16*15fps), 960H(960×480 16*25fps) NTSC:5MP_Lite(1280×1952 16*6fps),4MP_Lite(1280×1440 16*8fps),1080N(960×1080 16*15fps),720P(1280×720 16*15fps), 960H(960×480 16*30fps) Pure IP(H.265): PAL :8MP@9x25fps, 5MP@12x25fps,4MP@16x25fps, 3MP@16x25fps, 1080P@16x25fps, 960P@16x25fps, 720P@16x25fps, D1@16x25fps NTSC:8MP@9x30fp, 5MP@12x30fps,4MP@16x30fps, 3MP@16x30fps, 1080P@16x30fps, 960P@16x30fps, 720P@16x30fps, D1@16x30fps
Record Mode	Manual\Timer\Motion Detection\Intelligent
Playback & Backup	
Decode Capability	4*1080P@30fps
Sync Playback	Pure Analog: 16CH 5M_LITE@6fps, 15CH 4M_LITE@8fps,16CH 1080N@15fps, 16CH 720P@15fps,16CH 960H@30fps Mix Mode: 1CH 4K@30fps,1CH 5M@30fps, 2CH 4M@30fps,2CH 3M@30fps, 4CH 1080P@30fps, 4CH 720P@30fps,4CH 5M_LITE@6fps, 4CH 4M_LITE@8fps,4CH 1080N@15fps, 4CH 720P@15fps,4CH 960H@30fps Pure IPC:1CH 4K@30fps,1CH 5M@30fps, 2CH 4M@30fps,2CH 3M@30fps, 4CH 1080P@30fps,4CH 720P@30fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Human Detection,Tag
Playback Functions	Play; Pause; Stop; Fast play; Slow Play;Rewind; Next File; Previous File; Next Camera; Previous Camera; Full Screen; Backup Selection; Digital Zoom
Smart Phone Playback	4 Channel
Backup Mode	USB Device(with format FAT 32)/Network/FTP
Network	
Interface	1 RJ-45 10M/100M self-adaptive Ethernet Interface
Network Functions	TCP/IP,HTTP,HTTPS,SMTP,DHCP,FTP,DDNS,RTP,RTSP,RTCP,NTP,UPnP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE,HDPROVN,DYNAMIC_PLANET,EASY_PLANET
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10/Windows 11/MAC OS
Extra Stream	CIF/D1(1-30fps)
Smart Phone	iPhone, Android
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, Japanese,German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek, Vietnamese
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/2A ≤ 7W (without HDD)
Working Environment	-10~55℃/10~90%
Dimension (W×D×H)	260* 23*43(mm)
Weight	0.86Kg (Without HDD)