



Smartphone APP Included  

## ◆ SPECIFICATION

<b>Model NO.</b>	<b>XVR8H8WA</b>	
<b>Package</b>		
XVR	1x XVRHCDA821	
Camera	4 xKSBDTV1800FKEW, 4 x KSCBTV1800FKEW	
Cable	8x 18m BNC+DC Cable, 2x (1 to 4CH power cable splitter)	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	No	
Adaptor	3 x DC12V2A	
Weight	10.3kg/SET	
<b>Camera Model</b>	<b>KSBDTV1800FKEW</b>	<b>KSCBTV1800FKEW</b>
Image Sensor	1/2.5" CMOS sensor	
Image Resolution	8M:3840*2160 5M:2592*1944 4M:2560*1440 2M:1920*1080	
TV System	PAL/NTSC	
Electronic Shutter	AUTO	
Scanning System	Progressive Scan	
<b>Lens</b>		
Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
<b>Night Vision</b>		
IR Cut Filter	YES	

Infrared LED	NO. Suport Warm white (4000K)	
Infrared Distance	25M	
IR Status	AGC Auto Control	
<b>Camera Features</b>		
Starlight	/	
Day/Night	Color	
OSD Menu	YES	
WDR	DWDR	
UTC	YES	
Noise Reduction	3DNR	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	
<b>General</b>		
Housing	Metal&Plastic , IP67	Plastic
Bracket	YES	NO
Operation Temperature	-10℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 500mA	
Dimension	154(W)x70.5(H)x70.5(D)mm	∅ 108x85(H)mm
Weight	370g	400g
<b>Model</b>	<b>XVRHCDA821</b>	
<b>System</b>		
Main Processor	HI3521DV200	
Operating System	Embedded LINUX	
<b>Video</b>		
Input	<p>Normal Mode: Default: 8*(AHD/TVI/CVI:8M; TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 5MP)  Analog+Network: 6*Analog(8MP)+8*network(Max 8MP),  4*Analog(8MP)+10*network(Max 8MP),2*Analog(8MP)+12*network(Max 8MP)</p> <p>Lite Mode:Default: 8*(AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 5MP)  Analog+Network: 6*Analog(1080P)+8*network(Max 8MP),  4*Analog(1080P)+10*network(Max 8MP),2*Analog(1080P)+12*network(Max 8MP)  Network: 16*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤80M)</p>	
Input	8CH BNC	
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network	
Output	1HD,1 VGA, 1 CVBS	

<b>Audio</b>	
Input	6 ChannelRCA , 8channel AOC
Two-way Audio	NO
Output	1 Channel, RCA
<b>Alarm</b>	
Sensor Input	4
Output	1
Motion Detection	12 Channel(max 16 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
<b>PTZ</b>	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
<b>Display</b>	
VGA	Resolution: 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768 /60Hz
HD Output	Resolution: 3840×2160/30Hz, 2560x1440/30Hz, 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
<b>Recording</b>	
Video Compression	H.265/H.265+/H.264/H.264+
Audio Compression	G.711u/G.711a/AAC
Resolution	5MP(2592×1944),8MP_LITE(1920×2160),5MP_HALF(1296×1944),4MP(2560×1440),4MP_HALF(1280×1440), 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	<p>Normal Mode:  Analog: PAL:8MP_LITE(1920×2160 8*8fps),5MP(2592×1944 8*6fps),  5MP_LITE(1296×1944 8*10fps),4MP(2560×1440 8*8fps),  4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),1080P(1920x1080 8*15fps),  720P(1280×720 8*25fps), 960H(960×576 8*25fps)  NTSC:8MP_LITE(1920×2160 8*8fps),5MP(2592×1944 8*6fps),  5MP_LITE(1296×1944 8*10fps),4MP(2560×1440 8*8fps),  4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),  1080P(1920x1080 8*15fps),720P(1280×720 8*30fps), 960H(960×480 8*30fps)</p> <p>Lite Mode:  Analog: 1080N(960x1080 8*25fps),720P(1280×720 8*25fps),  960H(P:960×576 8*25fps/N:960×480 8*30fps)  Pure IP(H.265):  PAL :4k@8x25fps, 5MP@12x25fps,4MP@16x25fps, 3MP@16x25fps,  1080P@16x25fps, 960P@16x25fps, 720P@16x25fps, D1@16x25fps  NTSC:4k@8x30fps, 5MP@12x30fps,4MP@16x30fps, 3MP@16x30fps,  1080P@16x30fps, 960P@16x30fps, 720P@16x30fps, D1@16x30fps</p>
Record Mode	Manual\Timer\Motion Detection\AI Alarm\Alarm Input

## Playback & Backup

Decode Capability	4CH 1080P@30fps
Sync Playback	<p>Normal Mode:  Pure Analog: 8CH 5M@6fps, 4CH 8M_Lite@8fps, 8CH 4M@8fps, 8CH 3M@9fps, 8CH 1080P@15fps  Mix Mode: 4CH 5M@6fps, 4CH 4M@8fps, 4CH 3M@9fps, 4CH 1080P@15fps,  1CH 8MP 30fps, 2CH 5MP 30fps, 2CH 4MP @30fps, 2CH 3MP@30fps  Pure IPC: 1CH 4K@30fps, 2CH 5MP@30fps, 3CH 4MP@30fps, 4CH 3M@30fps,  4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps  Lite Mode:  Pure Analog: 8CH 1080N@25fps,8CH 720P@25fps,8CH 960H@25fps  Mix Mode: 4CH 5M@6fps, 4CH 4M@8fps, 4CH 3M@9fps, 4CH 1080P@15fps,  1CH 8MP 30fps, 2CH 5MP 30fps, 2CH 4MP @30fps, 2CH 3MP@30fps  Pure IPC: 1CH 4K@30fps, 2CH 5MP@30fps, 3CH 4MP@30fps, 4CH 3M@30fps,  4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps</p>
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,DHCP, FTP, DDNS, RTP, RTSP, RTCP
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
Extra Stream	CIF/D1(1-30fps)
Smart Phone	iPhone, ipad, Android ,Android pad

## Hard Disk Driver

Interface Type	1 SATA Interface
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Capacity	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)
<b>General</b>	
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
Power consumption	DC 12V/2A ≤6W (Without Hard Disk)
Working Environment	-10~55℃/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)

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