



## SPECIFICATION

<b>Model NO.</b>	<b>XVRT5008HC8PH800W</b>	
<b>Package</b>		
XVR	1x XVRF5008HD	
Camera	4 x BPSCTHC800FKEW, 4 x CMSDTHC800FKEW	
Cable	8x 18m BNC+DC Cable, 2x (1 to 4CH power cable splitter)	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	No	
Adaptor	3xDC12V/2A	
Weight		
<b>Camera Model</b>	<b>BPSCTHC800FKEW</b>	<b>CMSDTHC800FKEW</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	
Minimum Illumination	Color : 0.03 lux@F2.0, 0 Lux with white light	
Scanning System	Progressive Scan	
<b>Lens</b>		
Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
<b>Night Vision</b>		
IR Cut Filter	NO	
Infrared LED	NO, Support Warm white 42μ x 2PCS(4000K)	NO, Support Warm white 32μ x 2PCS(4000K)
Infrared Distance	25M	
IR Status	AGC Auto Control	
<b>Camera Features</b>		
Starlight	N/A	
Day/Night	Color	
OSD Menu	YES	
WDR	DWDR	
UTC	YES	
Noise Reduction	DNR	
Coaxial Audio	YES	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	

**General**

Housing	Plastic, IP66	Cover&Base: Plastic Eyeball: Metal,IP65
Bracket	YES	NO
Operation Temperature	-10℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 550mA	
Dimension	174(W) x 68(H) x 70(D)mm	φ90.6* 79.5mm
Weight	295g	171.5g
<b>Model</b>	<b>XVRF5008HD</b>	

**System**

Main Processor	MC6650
Operating System	Embedded LINUX

**Video**

Input	Normal Mode: Default: 8*(AHD/TVI/CVI:8MP; TVI/AHD: 5MP; AHD/TVI/CVI: 4MP; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 8MP) Analog+Network: 6*Analog(8MP)+8*network(Max 8MP),4*Analog(8MP)+10*network(Max 8MP),2*Analog(8MP)+12*network(Max 8MP) Lite Mode: Default: 8*(TVI/AHD: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 8MP) Analog+Network: 6*Analog(5M@12fps)+8*network(Max 8MP),4*Analog(5M@12fps)+10*network(Max 8MP),2*Analog(5M@12fps)+12*network(Max 8MP) Network: 16*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤80M)
Input	8CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA, 1 CVBS

**Audio**

Input	6 ChannelRCA,support AOC
Two-way Audio	NO
Output	1 Channel RCA

**Alarm**

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

**AI Function**

Human Detection	YES
-----------------	-----

**PTZ**

Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255

**Display**

VGA	Resolution:1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768
HD Output	Resolution: 3840x2160 1920x1080 1280x1024 1280x720 1024x768
Display Split	1/4/8/9/16
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
Resolution	5MP(2560×1952),8MP_LITE(1920×2160),5MP_HALF(1280×1952),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	Lowest/Low/Ordinary/Good/Better/Best
Record Rate	Normal Mode: Analog:PAL:8MP_LITE(1920×2160 8*8fps), 5MP(2560×1952 8*6fps),5MP_LITE(1280×1952 8*10fps), 4MP(2560×1440 8*8fps),4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),3MP_Lite(1024×1536 8*18fps), 1080P(1920×1080 8*15fps),720P(1280×720 8*25fps), 960H(960×576 8*25fps) NTSC:8MP_LITE(1920×2160 8*8fps), 5MP(2560×1952 8*6fps),5MP_LITE(1280×1952 8*10fps), 4MP(2560×1440 8*8fps),4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),3MP_Lite(1024×1536 8*18fps), 1080P(1920×1080 8*15fps),720P(1280×720 8*30fps), 960H(960×480 8*30fps) Lite Mode: PAL:5MP_Lite(1280×1952 8*10fps),4MP_Lite(1280×1440 8*15fps),3MP_Lite(1024×1536 8*18fps),1080N(960×1080 8*25fps),720P(1280×720 8*25fps), 960H(960×480 8*25fps) NTSC: 5MP_Lite(1280×1952 8*10fps),4MP_Lite(1280×1440 8*15fps),3MP_Lite(1024×1536 8*18fps),1080N(960×1080 8*25fps),720P(1280×720 8*25fps), 960H(960×480 8*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\Alarm\Intelligent

## Playback & Backup

Decode Capability	4*1080P@30fps
Sync Playback	Normal Mode: Pure Analog: 8CH 5M@6fps, 7CH 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 5M_Lite@ 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
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Alarm,Tag
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
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, Ukrainian
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/2A ≤10W (Without Hard Disk)
Working Environment	-10~55℃/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)