



SPECIFICATION

Model NO.	XVRF5008HD8MH800LWA	
Package		
XVR	1x XVRF5008HD	
Camera	4 xBMSDTV1800FKEW, 4 x CMSDTV1800FKEW	
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	
Camera Model	BMSDTV1800FKEW	CMSDTV1800FKEW
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	
Lens		
Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
Night Vision		
IR Cut Filter	YES	
Infrared LED	NO, Suport Warm white (4000K)	
Infrared Distance	25M	
IR Status	AGC Auto Control	
Camera Features		
Starlight	/	
Day/Night	Color	
OSD Menu	YES	
WDR	DWDR	
UTC	YES	
Noise Reduction	3DNR	
Coaxial Audio	YES(only TVI)	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	

General		
Housing	Metal&Plastic , IP67	Metal&Plastic
Bracket	YES	NO
Operation Temperature	-10°C ~ +60°C RH95% Max	
Storage Temperature	-20°C ~ +60°C RH95% Max	
Power Source	DC12V±10%, 500mA	
Dimension	154(W)x70.5(H)x70.5(D)mm	φ 108x85(H)mm
Weight	370g	400g
Model	XVRF5008HD	
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)