



SPECIFICATION

Model NO.	XVRF5008HD8MB800LWA
Package	
XVR	1x XVRF5008HD
Camera	8 x BMSDTV1800FKEW
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
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	N/A
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
Bracket	YES
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
Weight	370g
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@9x30fps, 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)