



SPECIFICATION

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| Model NO. | XVRT3008D8MH500L | |
| Package | | |
| XVR | 1x XVRT3008D | |
| Camera | 4 x BMSDAAD500FPE, 4 x CMSDAD500FPE | |
| 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 | 10.3kg/SET | |
| Camera Model | BMSDAAD500FPE | CMSDAD500FPE |
| Image Sensor | 1/3" CMOS sensor | |
| Image Resolution | 5M:2592*1944 4M:2560*1440 2M:1920*1080 | |
| TV System | PAL/NTSC | |
| Electronic Shutter | AUTO | |
| Minimum Illumination | Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR | |
| Scanning System | Progressive Scan | |
| Lens | | |
| Focus Length | 3.6mm | |
| Focus Control | Fixed | |
| Lens Type | Fixed | |
| Night Vision | | |
| IR Cut Filter | YES | |
| Infrared LED | 42μ x 2PCS | 20μ x 2PCS |
| Infrared Distance | 25M | 25M |
| IR Status | AGC Auto Control | |
| Camera Features | | |
| Starlight | N/A | |
| Day/Night | YES | |
| OSD Menu | YES | |
| WDR | DWDR | |
| UTC | YES | |
| Noise Reduction | DNR | |
| White Balance | AUTO / MANUAL | |
| Gain Control | AUTO | |
| General | | |

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| Housing | Metal&Plastic Material Housing, IP67 | Metal&Plastic Material Housing |
| Bracket | YES | NO |
| Operation Temperature | -10℃ ~ +60℃ RH95% Max | |
| Storage Temperature | -20℃ ~ +60℃ RH95% Max | |
| Power Source | DC12V±10%, 700mA | DC12V±10%, 550mA |
| Dimension | 154(W)x70.5(H)x70.5(D)mm | ∅ 108x85(H)mm |
| Weight | 370g | 400g |
| Model | XVRT3008D | |
| System | | |
| Main Processor | MC6630 | |
| Operating System | Embedded LINUX | |
| Video | | |
| Input | Normal Mode: Analog: 8*(TVI/AHD: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI: 3M@18fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 2*Analog(5MP)+7*network(MAX 5MP),4*Analog(5MP)+5*network(MAX 5MP),6*Analog(5MP)+3*network(MAX 5MP) Network: 16*5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤48M) | |
| Input | 8CH BNC | |
| Signal Type | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network | |
| Output | 1HD,1 VGA, CVBS | |
| Audio | | |
| Input | 2 Channel, RCA | |
| Two-way Audio | NO | |
| Output | 1 Channel, RCA | |
| Alarm | | |
| Sensor Input | 4 CH | |
| Output | 1 CH | |
| Motion Detection | 8 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/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz | |
| HD Output | Resolution: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 | |
| Recording | | |
| Video Compression | H.265+/H.265/H.264+/H.264 | |
| Audio Compression | G.711u/G.711a | |
| Resolution | 5MP_Lite(1296×1944),4MP_Lite(1280×1440),3MP_Lite(1024×1536),1080N(960×1080),720P(1280×720),960H(P:960×576/N:960×480) | |
| Video Quality | Lowest/Low/Ordinary/Good/Better/Best | |

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| Record Rate | Analog: PAL: 5MP_Lite(1296×1944 8*6fps),4MP_Lite(1280×1440 8*8fps),3MP_Lite(1024×1536 8*10fps),1080N(960×1080 8*15fps),720P(1280×720 8*15fps),960H(960×576 8*25fps) NTSC:5MP_Lite(1296×1944 8*6fps),4MP_Lite(1280×1440 8*8fps),3MP_Lite(1024×1536 8*10fps),1080N(960×1080 8*15fps),720P(1280×720 8*15fps),960H(960×576 8*30fps) Pure IP(H.265): PAL: 5MP@8×25fps,4MP@12×25fps,3MP@12×25fps,1080P@12×25fps,960P@12×25fps,720P@12×25fps,D1@12×25fps NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@12×30fps, 960P@12×30fps, 720P@12×30fps, D1@12×30fps |
| Record Mode | Manual\Timer\Motion Detection\Alarm Input\Motion and Alarm |
| Playback & Backup | |
| Decode Capability | 2CH 1080P@30fps |
| Sync Playback | Pure Analog: 4CH 960H@25fps, 4CH 720P@15fps, 4CH 1080N@15fps, 4CH 5M_LITE@6fps, 3CH 4M_LITE@8fps, 4CH 3M_LITE@10fps Mixture mode: 4CH 720P@25fps, 2CH 1080P@25fps, 1CH 5MP@25fps Pure Network: 4CH 720P@25fps, 2CH 1080P@25fps, 1CH 5MP@25fps |
| Remote Playback | 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 |
| Web Browser | Edge,IE8-11, Google Chrome , Firefox ,Safari |
| CMS Software | Support Windows 7/ Windows 8/Windows 10 |
| Extra Stream | CIF/D1(1-12fps) |
| 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, 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 ≤10W (Without Hard Disk) |
| Working Environment | -10~55℃/10~90% |
| Dimension (W×D×H) | 260*215*43(mm) |
| Weight | 2kg (Without HDD) |