



SPECIFICATION

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| Model NO. | XVRDA2104D4MD800 |
| Package | |
| NVR | 1x XVRDA2104D |
| Camera | 4 x LIRDBAAD800FKP |
| Cable | 4x 18m BNC+DC Cable, 1x (1 to 5CH power cable splitter) |
| Mouse | 1xUSB 2.0 Mouse |
| Hard Disk | No |
| Adaptor | 1xDC12V/5A |
| Weight | 7.9kg/SET |
| Camera Model | |
| LIRDBAAD800FKP | |
| 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 |
| Lens | |
| Focus Length | 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Night Vision | |
| IR Cut Filter | YES |
| Infrared LED | 14μ x 18PCS |
| Infrared Distance | 20M |
| IR Status | AGC Auto Control |
| Camera Features | |
| Starlight | / |
| Day/Night | YES |
| OSD Menu | YES |
| WDR | DWDR |
| UTC | YES |
| Noise Reduction | DNR |
| White Balance | AUTO / MANUAL |
| Gain Control | AUTO |
| General | |
| Housing | Metal, IP66 |
| Bracket | NO |
| Operation Temperature | -10℃ ~ +60℃ RH95% Max |
| Storage Temperature | -20℃ ~ +60℃ RH95% Max |
| Power Source | DC12V±10%, 550mA |
| Dimension | ∅ 93 x 74(H) mm |
| Weight | 400g |
| Model | XVRDA2104D |
| System | |
| Main Processor | HI3520DV400 |
| Operating System | Embedded LINUX |
| Video | |
| Input | Default: 4*(AHD/TVI/CVI: 8MP; TVI/AHD: 5MP; AHD/TVI/CVI: 4MP; AHD/TVI: 3MP; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 8MP) Analog+Network:2*Analog+7*network(Max 8MP) Network: 16*network(Max 8MP)(Total incoming bandwidth ≤80M) |
| Input | 4CH BNC |
| Signal Type | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network |

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| Output | 1 HD,1 VGA |
| Audio | |
| Input | 4Channel, RCA |
| Two-way Audio | NO |
| Output | 1 Channel, RCA |
| Alarm | |
| Sensor Input | NO |
| Output | NO |
| 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 | |
| Face Comparison | 2 channel video stream face Comparison(1 face databases with 10 face images) |
| 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: 3840×2160/30Hz, 2560×1440/30Hz, 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz |
| Display Split | 16 Channel/9 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 | 8MP(3840×2160), 5MP(2592×1944),4MP(2560×1440),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 | Analog: PAL:8MP(3840*2160 8*8fps), 5MP(2592×1944 4*12fps), 4MP(2560×1440 4*15fps),3MP(2048×1536 4*18fps);1080P(1920x1080 4*25fps),720P(1280×720 4*25fps), 960H(960×576 4*25fps) NTSC: 8MP(3840*2160 8*8fps), PAL:5MP(2592×1944 4*12fps), 4MP(2560×1440 4*15fps),3MP(2048×1536 4*18fps),1080P(1920x1080 4*30fps),720P(1280×720 4*30fps), 960H(960×480 4*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 |
| Record Mode | Manual\Timer\Motion Detection\AI Alarm\Alarm Input |
| Playback & Backup | |
| Decode Capability | 4CH 1080P@30fps |
| Sync Playback | Pure Analog: 4CH 8M@8fps, 4CH 5M@12fps, 4CH 4M@15fps, 4CH 3M@18fps, 4CH 1080p@30fps, 1CH 4K@30fps Mix Mode: 4CH 1080P@30fps, 3CH 3MP@18fps, 2CH 5M@12fps, ,2CH 5MP@30fps, 1CH 4K@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 |
| 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, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP |
| DDNS | Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE, HDPROVN |
| Web Browser | IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53) |
| CMS Software | Support Windows 7/ Windows 8/Windows 10 |
| Extra Stream | D1/CIF(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, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek, Vietnamese |
| UTC Control | YES |
| USB Interface | 2 USB 2.0 Interfaces |
| Power consumption | DC 12V/2A ≤6W (Without Hard Disk) |
| Working Environment | -10~55°C/10~90% |
| Dimension (W×D×H) | 260*215*43(mm) |
| Weight | 2kg (Without HDD) |