



## SPECIFICATION

|                        |   |                       |
|------------------------|---|-----------------------|
| <b>Model NO.</b>       | <b>XVRT3004HD4PH800L</b>                                |                       |
| <b>Package</b>         |   |                       |
| XVR                    | 1x XVRDT3004HD  |                       |
| Camera                 | 2 x LBM24AD800FKE, 2 x LIRDLAAD800FKE                   |                       |
| Cable                  | 4x 18m BNC+DC Cable, 1x (1 to 4CH power cable splitter) |                       |
| Mouse                  | 1xUSB 2.0 Mouse   |                       |
| Hard Disk              | No  |                       |
| Adaptor                | 2xDC12V/2A  |                       |
| Weight                 | 7.9kg/SET   |                       |
| <b>Camera Model</b>    | <b>LBM24AD800FKE</b>                                    | <b>LIRDLAAD800FKE</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, AGC ON; B/W : 0 lux with IR      |                       |
| Scanning System        | Progressive Scan  |                       |
| <b>Lens</b>            |   |                       |
| Focus Length           | 3.6mm   |                       |
| Focus Control          | Fixed   |                       |
| Lens Type              | Fixed   |                       |
| <b>Night Vision</b>    |   |                       |
| IR Cut Filter          | YES   |                       |
| Infrared LED           | 14μ x 18PCS   |                       |
| Infrared Distance      | 20M   |                       |
| IR Status              | AGC Auto Control  |                       |
| <b>Camera Features</b> |   |                       |
| Starlight              | N/A   |                       |
| Day/Night              | YES   |                       |
| OSD Menu               | YES   |                       |
| WDR                    | DWDR  |                       |
| UTC                    | YES   |                       |
| Noise Reduction        | DNR   |                       |
| White Balance          | AUTO / MANUAL   |                       |
| Gain Control           | AUTO  |                       |
| <b>General</b>         |   |                       |

|                       |   |                  |
|-----------------------|---|------------------|
| Housing               | Plastic, IP67   | Plastic Camera   |
| Bracket               | YES   | NO               |
| Operation Temperature | -10℃ ~ +60℃ RH95% Max   |                  |
| Storage Temperature   | -20℃ ~ +60℃ RH95% Max   |                  |
| Power Source          | DC12V±10%, 700mA  | DC12V±10%, 550mA |
| Dimension             | 157(W) x 70(H) x 66(D)mm  | ∅ 93 x 74(H) mm  |
| Weight                | 380g  | 300g             |
| <b>Model</b>          | <b>XVRT3004HD</b>   |                  |
| <b>System</b>         |   |                  |
| Main Processor        | MC6630  |                  |
| Operating System      | Embedded LINUX  |                  |
| <b>Video</b>          |   |                  |
| Input                 | Normal Mode:<br>Default: 4*(AHD/TVI/CVI:8M;AHD/TVI:5M,AHD/TVI/CVI:4MP/3MP/2MP/720P/960H)+2*IPC(Max5MP)<br>Analog+Network: 2*(AHD/TVI/CVI:8M;AHD/TVI:5M,AHD/TVI/CVI:4MP/3MP/2MP/720P/960H)+7*IPC(MAX 5MP)<br>Lite Mode:<br>Default: 4*(TVI/AHD/CVI: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI/CVI: 3M@18fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+2*network(MAX 5MP)<br>Analog+Network: 2*Analog(TVI/AHD/CVI: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI/CVI: 3M@18fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+7*network(MAX 5MP)<br>Network: 16*5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤48M) |                  |
| Input                 | 4CH BNC   |                  |
| Signal Type           | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network  |                  |
| Output                | 1HD,1 VGA, 1 CVBS   |                  |
| <b>Audio</b>          |   |                  |
| Input                 | 2 Channel, RCA  |                  |
| Two-way Audio         | NO  |                  |
| Output                | 1 Channel, RCA  |                  |
| <b>Alarm</b>          |   |                  |
| Sensor Input          | 4 CH  |                  |
| Output                | 1 CH  |                  |
| Motion Detection      | 4 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   |                  |
| <b>AI Function</b>    |   |                  |
| Human Detection       | YES   |                  |
| <b>PTZ</b>            |   |                  |
| Interface             | RS485   |                  |
| Protocol              | Pelco-D, Pelco-P  |                  |
| Baud Rate             | 110~921600  |                  |
| Address               | 0~255   |                  |
| <b>Display</b>        |   |                  |
| VGA                   | Resolution: 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz  |                  |
| HD Output             | Resolution: 3840×2160/30Hz, 2560x1440/30Hz, 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  |                  |
| <b>Recording</b>      |   |                  |
| Video Compression     | H.265/H.265+/H.264/H.264+   |                  |
| Audio Compression     | G.711u/G.711a   |                  |
| Resolution            | 5MP(2592×1944),8MP_LITE(1920×2160),5MP_HALF(1296×1944),4MP(2560×1440),4MP_HALF(1280×1440),3MP(2048×1536),3MP_Lite(1024×1536),1080P(1920 ×1080),720P(1280×720),960H(P:960×576/N:960×480)   |                  |
| Video Quality         | Lowest/Low/Ordinary/Good/Better/Best  |                  |

|             |  |
|-------------|--|
| Record Rate | <p>Normal Mode:<br/> Analog: PAL:8MP_LITE(1920×2160 4*8fps), 5MP(2592×1944 4*6fps), 5MP_HALF(1296×1944 4*10fps),4MP(2560×1440 4*8fps),4MP_HALF(1280×1440 4*15fps),3MP(2048×1536 4*9fps),3MP_Lite(1024×1536 4*18fps), 1080P(1920×1080 4*15fps),720P(1280×720 4*25fps), 960H(960×576 4*25fps)<br/> NTSC:8MP_LITE(1920×2160 4*8fps), 5MP(2592×1944 4*6fps),5MP_HALF(1296×1944 4*10fps),4MP(2560×1440 4*8fps),4MP_HALF(1280×1440 4*15fps),3MP(2048×1536 4*9fps),3MP_Lite(1024×1536 4*18fps), 1080P(1920×1080 4*15fps),720P(1280×720 4*25fps), 960H(960×480 4*25fps)<br/> Lite Mode:<br/> PAL:5MP_Lite(1296×1944 4*10fps),4MP_Lite(1280×1440 4*15fps),3MP_Lite(1024×1536 4*18fps),1080N(960×1080 4*25fps),720P(1280×720 4*25fps), 960H(960×480 4*25fps)<br/> NTSC: 5MP_Lite(1296×1944 4*10fps),4MP_Lite(1280×1440 4*15fps),3MP_Lite(1024×1536 4*18fps),1080N(960×1080 4*25fps),720P(1280×720 4*25fps), 960H(960×480 4*30fps)<br/> Pure IP(H.265):<br/> PAL: 5MP@8×25fps,4MP@12×25fps,3MP@12×25fps,1080P@16×25fps,960P@16×25fps,720P@16×25fps,D1@16×25fps<br/> NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@16×30fps, 960P@16×30fps, 720P@16×30fps, D1@16×30fps</p> |
| Record Mode | Manual\Timer\Motion Detection\Alarm Input\Motion and Alarm   |

## Playback & Backup

|                      |  |
|----------------------|--|
| Decode Capability    | 2CH 1080P@30fps  |
| Sync Playback        | <p>Normal Mode:<br/> Pure Analog: 4CH 5M@6fps, 3CH 8M_Lite@8fps, 4CH 4M@8fps, 4CH 3M@9fps, 3CH 1080p@15fps<br/> Mix Mode: 1CH 5M@30fps, 1CH 4M@30fps, 1CH 3M@30fps, 2CH 1080P@30fps<br/> Pure IPC: 1CH 5MP@30fps, 1CH 4MP@30fps, 1CH 3M@30fps, 2CH 1080P@30fps<br/> Lite Mode:<br/> Pure Analog:4CH 5M_LITE@10fps,CH 4M_LITE@15fps,3M_LITE@18fps,4CH 1080N@25fps<br/> Mix Mode: 1CH 5M@30fps, 1CH 4M@30fps, 1CH 3M@30fps, 2CH 1080P@30fps<br/> Pure IPC: 1CH 5MP@30fps, 1CH 4MP@30fps, 1CH 3M@30fps, 2CH 1080P@30fps</p> |
| 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, 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      | 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, 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)   |