



## ◆ SPECIFICATION

|                     |   |
|---------------------|---|
| <b>Model NO.</b>    | <b>XVRCT830M8FEHW500B</b>                               |
| <b>Package</b>      |   |
| XVR                 | 1x XVRCT830   |
| Camera              | 8 x KSBAHD500FEHW                                       |
| Cable               | 8x 18m BNC+DC Cable, 1x (1 to 8CH power cable splitter) |
| Mouse               | 1xUSB 2.0 Mouse   |
| Hard Disk           | No  |
| Adaptor             | 1xDC12V/2A, 1xDC12V/5A                                  |
| Weight              | 10.3kg/SET  |
| <b>Camera Model</b> | <b>KSBAHD500FEHW</b>                                    |
| Image Sensor        | 1/3" CMOS sensor  |
| Image Resolution    | 5M:2592*1944 4M:2560*1440 2M:1920*1080                  |
| TV System           | PAL/NTSC  |
| Electronic Shutter  | AUTO  |
| 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           | NO. Suport Warm white (4000K)  |
| Infrared Distance      | 25M  |
| IR Status              | AGC Auto Control   |
| <b>Camera Features</b> |  |
| Starlight              | /  |
| Day/Night              | Color  |
| OSD Menu               | YES  |
| WDR                    | DWDR   |
| UTC                    | YES  |
| Noise Reduction        | DNR  |
| White Balance          | AUTO / MANUAL  |
| Gain Control           | AUTO   |
| <b>General</b>         |  |
| Housing                | Metal, IP67  |
| Bracket                | YES  |
| Operation Temperature  | -10℃ ~ +60℃ RH95% Max  |
| Storage Temperature    | -20℃ ~ +60℃ RH95% Max  |
| Power Source           | DC12V±10%, 550mA   |
| Dimension              | 171(W) x 73(H) x 73(D)mm   |
| Weight                 | 750g   |
| <b>Model</b>           | <b>XVRCT830</b>  |
| <b>System</b>          |  |
| Main Processor         | MC6630   |
| Operating System       | Embedded LINUX   |
| <b>Video</b>           |  |
| Input                  | Normal Mode: Analog: 8*(TVI/AHD: 5M@12fps; AHD/TVI/CVI: 4M@15fps;<br>AHD/TVI: 3M@18fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)<br>Analog+Network: 2*Analog(5MP)+7*network(MAX 5MP),4*Analog(5MP)+5*network(MAX 5MP),<br>6*Analog(5MP)+3*network(MAX 5MP)<br>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  |
| <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             | 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  |
| <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: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   |
| <b>Recording</b>             |  |
| 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),<br>1080N(960×1080),720P(1280×720),960H(P:960×576/N:960×480)   |
| Video Quality                | Lowest/Low/Ordinary/Good/Better/Best   |
| Record Rate                  | Analog: PAL: 5MP_Lite(1296×1944 8*6fps),4MP_Lite(1280×1440 8*8fps),<br>3MP_Lite(1024×1536 8*10fps),1080N(960x1080 8*15fps),720P(1280×720 8*15fps), 960H(960×576 8*25fps)<br>NTSC:5MP_Lite(1296×1944 8*6fps),4MP_Lite(1280×1440 8*8fps),3MP_Lite(1024×1536 8*10fps),<br>1080N(960x1080 8*15fps),720P(1280×720 8*15fps), 960H(960×576 8*30fps)<br>Pure IP(H.265):<br>PAL: 5MP@8×25fps,4MP@12x25fps,3MP@12×25fps,1080P@12×25fps,<br>960P@12×25fps,720P@12×25fps,D1@12×25fps<br>NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@12×30fps,<br>960P@12×30fps, 720P@12×30fps, D1@12×30fps |
| Record Mode                  | Manual\Timer\Motion Detection\Alarm Input\Motion and Alarm   |
| <b>Playback &amp; Backup</b> |  |
| Decode Capability            | 2CH 1080P@30fps  |

|                      |  |
|----------------------|--|
| Sync Playback        | Pure Analog: 4CH 960H@25fps, 4CH 720P@15fps, 4CH 1080N@15fps,<br>4CH 5M_LITE@6fps, 4CH 4M_LITE@8fps, 4CH 3M_LITE@10fps<br>Mixture mode: 4CH 720P@25fps, 2CH 1080P@25fps, 1CH 5MP@25fps<br>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       | IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)                |
| 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 ≤6W (Without Hard Disk)   |
| Working Environment | -10~55℃/10~90%  |
| Dimension (W×D×H)   | 260*215*43(mm)  |
| Weight              | 2kg (Without HDD)   |

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