



## SPECIFICATION

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Model NO.              | KTX4NT500RB4                                       |
| <b>Package</b>         |                                                    |
| XVR                    | 1x XVR3004C1N                                      |
| Camera                 | 4x BPSC500FPE-ECO                                  |
| Cable                  | 4x 18m BNC+DC Cable, 1 x 4CH Power Splitter Cable  |
| Mouse                  | 1x USB 2.0 Mouse                                   |
| Hard Disk              | No                                                 |
| Adaptor                | 2x DC12V/2A Adaptor                                |
| Weight                 | 7.7kg/SET                                          |
| Camera Model           | BPSC500FPE-ECO                                     |
| 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                                   |
| <b>Lens</b>            |                                                    |
| Focus Length           | 3.6mm                                              |
| Focus Control          | Fixed                                              |
| Lens Type              | Fixed                                              |
| <b>Night Vision</b>    |                                                    |
| IR Cut Filter          | YES                                                |
| Infrared LED           | 42μ x 2PCS                                         |
| Infrared Distance      | 25M                                                |
| IR Status              | AGC auto control                                   |
| <b>Camera Features</b> |                                                    |
| Starlight              | Color/ B&W (IR-CUT )                               |
| Day/Night              | YES                                                |
| OSD Menu               | YES                                                |
| WDR                    | DWDR                                               |
| UTC                    | YES                                                |
| Noise Reduction        | DNR                                                |
| Coaxial Audio          | YES                                                |
| White Balance          | AUTO / MANUAL                                      |

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| Gain Control          | AUTO                                                                                                                                                                                                                                                                                            |
| <b>General</b>        |                                                                                                                                                                                                                                                                                                 |
| Housing               | Plastic, IP66                                                                                                                                                                                                                                                                                   |
| Bracket               | YES                                                                                                                                                                                                                                                                                             |
| Operation Temperature | -10℃ ~ +60℃ RH95% Max                                                                                                                                                                                                                                                                           |
| Storage Temperature   | -20℃ ~ +60℃ RH95% Max                                                                                                                                                                                                                                                                           |
| Power Source          | DC12V±10%, 550mA                                                                                                                                                                                                                                                                                |
| Dimension             | 174(W) x 68(H) x 70(D)mm                                                                                                                                                                                                                                                                        |
| Weight                | 214.7g                                                                                                                                                                                                                                                                                          |
| Model                 | XVR3004C1N                                                                                                                                                                                                                                                                                      |
| <b>System</b>         |                                                                                                                                                                                                                                                                                                 |
| Main Processor        | MC6630                                                                                                                                                                                                                                                                                          |
| Operating System      | Embedded LINUX                                                                                                                                                                                                                                                                                  |
| <b>Video</b>          |                                                                                                                                                                                                                                                                                                 |
| Input                 | Analog:4*(TVI/AHD:5M@12fps; AHD/TVI/CVI:4M@15fps; AHD/TVI/CVI:1080P/720P@30fps; Analog:960H)<br>Analog+Network:2*Analog(TVI/AHD:5M@12fps; AHD/TVI/CVI:4M@15fps; AHD/TVI/CVI:1080P/720P; Analog:960H)+4*network(MAX 5MP)<br>Network:9*5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidths≤48M) |
| Input                 | 4CH BNC                                                                                                                                                                                                                                                                                         |
| Signal Type           | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network                                                                                                                                                                                                                                                          |
| Output                | 1 HD, 1 VGA                                                                                                                                                                                                                                                                                     |
| <b>Audio</b>          |                                                                                                                                                                                                                                                                                                 |
| Input                 | 1 Channel RCA, support AOC                                                                                                                                                                                                                                                                      |
| Two-way Audio         | NO                                                                                                                                                                                                                                                                                              |
| Output                | 1 Channel RCA                                                                                                                                                                                                                                                                                   |
| <b>Alarm</b>          |                                                                                                                                                                                                                                                                                                 |
| Sensor Input          | NO                                                                                                                                                                                                                                                                                              |
| Output                | NO                                                                                                                                                                                                                                                                                              |
| Motion Detection      | 4 Channel(max 9 Channel in pure network mode)                                                                                                                                                                                                                                                   |
| Trigger Events        | Recording, Email, Screen tips, Push notifications(motion detection)                                                                                                                                                                                                                             |
| Email Alarm           | Send Image to The Designated E-mail                                                                                                                                                                                                                                                             |
| <b>AI Function</b>    |                                                                                                                                                                                                                                                                                                 |
| Human Detection       | YES                                                                                                                                                                                                                                                                                             |
| <b>PTZ</b>            |                                                                                                                                                                                                                                                                                                 |
| Interface             | NO                                                                                                                                                                                                                                                                                              |
| Protocol              | Coaxial Control                                                                                                                                                                                                                                                                                 |
| Baud Rate             | NO                                                                                                                                                                                                                                                                                              |
| Address               | NO                                                                                                                                                                                                                                                                                              |
| <b>Display</b>        |                                                                                                                                                                                                                                                                                                 |
| VGA                   | Resolution: 1920×1080, 1280×1024, 1280×720, 1024×768                                                                                                                                                                                                                                            |
| HD Output             | Resolution: 1920×1080, 1280×1024, 1280×720, 1024×768                                                                                                                                                                                                                                            |
| Display Split         | 1/4/8/9                                                                                                                                                                                                                                                                                         |
| Privacy Masking       | 3 Rectangular Zones (Each camera)                                                                                                                                                                                                                                                               |
| OSD                   | Camera title, Time, Video loss, Motion detection, Recording                                                                                                                                                                                                                                     |
| <b>Recording</b>      |                                                                                                                                                                                                                                                                                                 |
| Video Compression     | H.265/H.264                                                                                                                                                                                                                                                                                     |
| Audio Compression     | G.711U/G.711A                                                                                                                                                                                                                                                                                   |
| Resolution            | 5MP_LITE, 4MP_LITE, 1080N, 720P, 960H                                                                                                                                                                                                                                                           |
| Video Quality         | Lowest/Low/Ordinary/Good/Better/Best                                                                                                                                                                                                                                                            |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Record Rate          | Analog:<br>PAL:5MP_LITE(4*12fps),4MP_LITE(4*15fps),1080N(4*25fps),720P(4*25fps),960H(4*25fps)<br>NTSC:5MP_LITE(4*12fps),4MP_LITE(4*15fps),1080N(4*25fps),720P(4*30fps),960H(4*30fps)<br>Pure IP(H.265):<br>PAL:5MP@8×25fps,4MP@9×25fps,3MP@9×25fps,1080P@9×25fps,960P@9×25fps,720P@9×25fps,D1@9×25fps<br>NTSC:5MP@8×30fps,4MP@9×30fps,3MP@9×30fps,1080P@9×30fps,960P@9×30fps,720P@9×30fps,D1@9×30fps |
| Record Mode          | Manual\Timer\Motion Detection\Intelligent                                                                                                                                                                                                                                                                                                                                                            |
| Playback & Backup    |                                                                                                                                                                                                                                                                                                                                                                                                      |
| Decode Capability    | 2*1080P@30fps                                                                                                                                                                                                                                                                                                                                                                                        |
| Sync Playback        | Pure Analog:2CH 5MP_LITE@12fps,2CH 4MP_LITE@15fps,2CH 1080N@25fps,2CH 720P@30fps<br>Mixture mode:1CH 5MP@30fps,2CH 5M_LITE@12fps,2CH 1080P@25fps<br>Pure Network:1CH 5MP@30fps,1CH 4MP @30fps,2CH 1080P@30fps,4CH 720P@30fps                                                                                                                                                                         |
| Remote Playback      | 1 Channel                                                                                                                                                                                                                                                                                                                                                                                            |
| Search Mode          | ALL, Channel, Manual, Time, Date, Motion Detection, Human Detection, Tag                                                                                                                                                                                                                                                                                                                             |
| Playback Functions   | Play; Pause; Stop; Fast play; Slow Play;Rewind; Next File; Previous File; Next Camera; Previous Camera; Full Screen; Backup Selection; Digital Zoom                                                                                                                                                                                                                                                  |
| Smart Phone Playback | 4 Channel                                                                                                                                                                                                                                                                                                                                                                                            |
| Backup Mode          | USB Device(with fomate FAT 32 )/Network/FTP                                                                                                                                                                                                                                                                                                                                                          |
| Network              |                                                                                                                                                                                                                                                                                                                                                                                                      |
| Interface            | 1 RJ-45 10M/100M self-adaptive Ethernet Interface                                                                                                                                                                                                                                                                                                                                                    |
| Network Functions    | TCP/IP, IPv4/IPv6, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTP, RTSP                                                                                                                                                                                                                                                                                                                            |
| DDNS                 | Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE,HDPROVN, DYNAMIC_PLANET, EASY_PLANET                                                                                                                                                                                                                                                                                      |
| Web Browser          | Edge, Google Chrome , Firefox ,Safari                                                                                                                                                                                                                                                                                                                                                                |
| CMS Software         | Support Windows 10/Windows 11/MAC OS                                                                                                                                                                                                                                                                                                                                                                 |
| Extra Stream         | CIF(1-30fps)/D1(1-12fps)                                                                                                                                                                                                                                                                                                                                                                             |
| Smart Phone          | iPhone, Android                                                                                                                                                                                                                                                                                                                                                                                      |
| 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,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/1.5A ≤ 7W (without HDD)                                                                                                                                                                                                                                                                                                                                                                       |
| Working Environment  | -10~55℃/10~90%                                                                                                                                                                                                                                                                                                                                                                                       |
| Dimension (W×D×H)    | 260* 230*43(mm)                                                                                                                                                                                                                                                                                                                                                                                      |
| Weight               | 0.86Kg (Without HDD)                                                                                                                                                                                                                                                                                                                                                                                 |