



## ZTIPB-L4K-AF

### SPECIFICATION:

| Camera                  |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.7" SONY Starvis Back-illuminated CMOS sensor                            |
| Resolution              | 8MP                                                                         |
| Effective Pixels        | 3864(H)*2192(V)                                                             |
| Compression             | H.264/H.264+/H.265/H.265+                                                   |
| Audio Compression       | G711A/U,AAC,MP2L2                                                           |
| TV System               | PAL/NTSC                                                                    |
| Electronic Shutter Time | Auto: 1/3-1/100000Sec                                                       |
| Minimum Illumination    | Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                        |
| Scanning System         | Progressive                                                                 |
| Video Output            | Network                                                                     |
| Reset Button            | Optional                                                                    |
| Lens                    |                                                                             |
| Focal Length & FOV      | F1.6-F3.3, horizontal FOV 108-30°, vertical FOV 59-18, diagonal FOV 130-34° |
| Lens Type               | 2.7~13.5mm                                                                  |
| Focus Control           | Auto Control                                                                |

|                           |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aperture                  | F1.6                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pixels                    | AF-8MP                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Night Vision</b>       |                                                                                                                                                                                                                                                                                                                                                                                                          |
| Supplement Light          | IR: 4PCS, Warm light: 4PCS                                                                                                                                                                                                                                                                                                                                                                               |
| Supplement Light Distance | IR: 50m, Warm light: 40m                                                                                                                                                                                                                                                                                                                                                                                 |
| Supplement Light Status   | Auto Control                                                                                                                                                                                                                                                                                                                                                                                             |
| Supplement Light Power On | Smart, Manual & Timed mode                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Network</b>            |                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ethernet                  | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                                                                                                     |
| Wireless                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                      |
| Protocol                  | TCP/IP, IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTMP, RTCP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x                                                                                                                                                                                                                                                                                |
| ONVIF                     | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                                                                                                     |
| P2P                       | YES                                                                                                                                                                                                                                                                                                                                                                                                      |
| POE                       | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                                                                                                           |
| Video Delay               | 300ms (Within the Lan)                                                                                                                                                                                                                                                                                                                                                                                   |
| Main Stream 1             | 3840*2160@25fps                                                                                                                                                                                                                                                                                                                                                                                          |
| Main Stream 2             | 2560*1440@25fps                                                                                                                                                                                                                                                                                                                                                                                          |
| Main Stream 3             | 1920*1080@25fps<br>1280*720@25fps                                                                                                                                                                                                                                                                                                                                                                        |
| Sub Stream 1              | 1280*720@25fps                                                                                                                                                                                                                                                                                                                                                                                           |
| Sub Stream 2              | 720*480@25fps                                                                                                                                                                                                                                                                                                                                                                                            |
| Sub Stream 3              | N/A                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tri Stream                | N/A                                                                                                                                                                                                                                                                                                                                                                                                      |
| IE Brower                 | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                                                                                                                                                                                                                                 |
| Smart Phone               | iPhone, Android                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AI Function</b>        |                                                                                                                                                                                                                                                                                                                                                                                                          |
| Intelligent Analysis      | Intrusion Detetion(based on human and Vehicle Detection), Line Cross Detetion(based on human and Vehicle Detection), Loiter Detetion(based on human detection), People Gather Detecion(based on human detection), Motion Detection(support enable the detection based on human and Vehicle movement), Enter Area(based on human and Vehicle Detection), Leave Area(based on human and vehicle Detection) |



| Camera Features       |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Day/Night             | Color/ B&W (IR-CUT )                                                                                                                                                            |
| Image Config          | Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering,HLC                                                                       |
| Full Color            | Support                                                                                                                                                                         |
| Corridor Pattern      | Support                                                                                                                                                                         |
| Defog Mode            | N/A                                                                                                                                                                             |
| ROI                   | Support                                                                                                                                                                         |
| BLC                   | Support                                                                                                                                                                         |
| WDR                   | 120dB                                                                                                                                                                           |
| Motion Detection      | Support(support enable the detection based on human and Vehicle movement)                                                                                                       |
| Privacy Masking       | 3 Rectangular Zone                                                                                                                                                              |
| Recording Mode        | NVR/CMS/Web                                                                                                                                                                     |
| Language              | Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech |
| Interface             |                                                                                                                                                                                 |
| Audio                 | Default: Built in Mic<br>Option: Audio I/O                                                                                                                                      |
| Alarm                 | N/A                                                                                                                                                                             |
| SD Card Slot          | Default: External SD card slot (Max 512GB)                                                                                                                                      |
| RS485                 | N/A                                                                                                                                                                             |
| General               |                                                                                                                                                                                 |
| Housing               | Metal , IP67                                                                                                                                                                    |
| Anti-cut Bracket      | NO                                                                                                                                                                              |
| IR Cut Filter         | YES                                                                                                                                                                             |
| Operation Temperature | -20°C ~ +60°C RH95% Max                                                                                                                                                         |
| Storage Temperature   | -20°C ~ +60°C RH95% Max                                                                                                                                                         |
| Power Source          | DC12V±10%, 700mA                                                                                                                                                                |
| Dimension             | 268(W) x 95(H) x 88(D)mm                                                                                                                                                        |
| Weight                | 1161g                                                                                                                                                                           |

