



# 4K



## 4K FIXED BULLET



Day & Night



4K Lens  
2.8mm



8MP  
Resolution



18 Pcs  
IR LED



25M IR  
Distance



H.265  
H.265+  
Compression



3D  
DNR



Motion  
Detection



Lens 2.8mm@F1.6  
Horizontal FOV: 114°  
Vertical FOV: 65°

Maximum Image Resolution  
8MP(3840 × 2160)(Default 15fps)

| SPECIFICATION               | KESTREL-8-BLF                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAMERA</b>               |                                                                                                                                                                                                                                                                                                                                         |
| Image Sensor                | 1/2.5" Progressive scan CMOS Sensor                                                                                                                                                                                                                                                                                                     |
| Min. Illumination           | 0.01lux(Colour), 0lux(IR on)                                                                                                                                                                                                                                                                                                            |
| Lens Mount                  | M12                                                                                                                                                                                                                                                                                                                                     |
| Lens                        | 2.8 mm@F1.6: horizontal FOV: 114°, vertical FOV: 65°                                                                                                                                                                                                                                                                                    |
| IR                          | 14μ x 18pcs SMD LED                                                                                                                                                                                                                                                                                                                     |
| IR Range                    | 25m                                                                                                                                                                                                                                                                                                                                     |
| Smart IR                    | Support                                                                                                                                                                                                                                                                                                                                 |
| Shutter Time                | Auto/Manual, 1/3~1/10000s                                                                                                                                                                                                                                                                                                               |
| Day / Night                 | IR cut filter with auto switch                                                                                                                                                                                                                                                                                                          |
| Wide Dynamic Range          | WDR & DWDR                                                                                                                                                                                                                                                                                                                              |
| Digital Noise Reduction     | 2D / 3D DNR                                                                                                                                                                                                                                                                                                                             |
| <b>COMPRESSION STANDARD</b> |                                                                                                                                                                                                                                                                                                                                         |
| Video Compression           | H.264/H.264 + /H.265/H.265 +                                                                                                                                                                                                                                                                                                            |
| H.264 Codec Profile         | Base / Main / High profile                                                                                                                                                                                                                                                                                                              |
| H.265 Codec Profile         | Main profile                                                                                                                                                                                                                                                                                                                            |
| Video Bit Rate              | 11 Kbps ~ 6Mbps                                                                                                                                                                                                                                                                                                                         |
| Triple Streams              | Support                                                                                                                                                                                                                                                                                                                                 |
| <b>IMAGE</b>                |                                                                                                                                                                                                                                                                                                                                         |
| Max. Image Resolution       | 8MP (3840 × 2160) (default 15fps)                                                                                                                                                                                                                                                                                                       |
| Frame Rate                  | 50Hz: 15fps 8MP(3840 × 2160), 25fps 5MP(2592 × 1944)<br>25fps 4MP(2560 × 1440), 25fps 4MP(2304 × 1728)<br>25fps 3MP(2048 × 1536), 25fps 1080P(1920 × 1080)<br>25fps 960P(1280 × 960),                                                                                                                                                   |
|                             | 60Hz: 15fps 8MP(3840 × 2160), 30fps 5MP(2592 × 1944)<br>30fps 4MP(2560 × 1440), 30fps 4MP(2304 × 1728)<br>30fps 3MP(2048 × 1536), 30fps 1080P(1920 × 1080)<br>30fps 960P(1280 × 960), 30fps 720P(1280 × 720)                                                                                                                            |
| Sub Stream                  | 50Hz: 25fps 720P(1280 × 720)<br>25fps D1 (704 × 576), 25fps CIF(352 × 288)<br>60Hz: 30fps 720P(1280 × 720)<br>30fps D1 (704 × 480), 30fps CIF(352 × 240)                                                                                                                                                                                |
| Image Setting               | Brightness / Contrast / Saturation / Hue / Sharpness                                                                                                                                                                                                                                                                                    |
| BLC / HLC / ROI / Defog     | Supported                                                                                                                                                                                                                                                                                                                               |
| <b>NETWORK</b>              |                                                                                                                                                                                                                                                                                                                                         |
| Network Storage             | NAS(NFS/CIFS)                                                                                                                                                                                                                                                                                                                           |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour                                                                                                                                                                                                                          |
| Event                       | Motion Detection, Video Shelter                                                                                                                                                                                                                                                                                                         |
| Smart Functions             | Line Crossing/Area Intrusion/Unattended Object/Object Missing/Region Entrance/Region Exiting/Fast Moving/Loitering Detection/People Gathering Detection/Parking Detection/Blurred Detection/Scene Change Detection/Audio exception Detection (need audio I/O support)/Crossing Line Statistics (need TF card to support)/Face Detection |
| System Compatibility        | Onvif 2.6, Profile S, CGI                                                                                                                                                                                                                                                                                                               |
| Security                    | User authentication, IP address filtering, Video mask                                                                                                                                                                                                                                                                                   |
| Mobile Surveillance         | iPhone, iPad, Android devices                                                                                                                                                                                                                                                                                                           |
| <b>INTERFACE</b>            |                                                                                                                                                                                                                                                                                                                                         |
| Communication Interface     | 1 RJ45 10M / 100M Ethernet Port                                                                                                                                                                                                                                                                                                         |
| <b>GENERAL</b>              |                                                                                                                                                                                                                                                                                                                                         |
| Operating Conditions        | -30°C ~ +60°C (-22°F ~ +140°F)<br>Humidity 95% or less (non-condensing)                                                                                                                                                                                                                                                                 |
| Power Supply                | DC12V ± 10%                                                                                                                                                                                                                                                                                                                             |
| POE Supply                  | PoE (802.3af)                                                                                                                                                                                                                                                                                                                           |
| Power Consumption           | Max. 8W                                                                                                                                                                                                                                                                                                                                 |
| Weather Proof               | IP66                                                                                                                                                                                                                                                                                                                                    |
| Dimensions                  | ø67.5X154mm                                                                                                                                                                                                                                                                                                                             |
| Weight                      | 365g                                                                                                                                                                                                                                                                                                                                    |