



## ANNEKAL-5MP-6MM-ULTRA



- => Resolution 5MP (2592\*1904@20fps), 4MP (2560\*1440@20fps), 3MP (2048\*1536@20fps), 2MP (1920\*1080@25fps), 720P (1920\*720)25fps, support NTSC 2MP@30fps
- => Built-in humanoid detection algorithm
- => Detection frame 5fps, detect 5 people at the same time
- => Low consumption, low code stream, low delay
- => H.265 compression format, save bandwidth and storage space
- => Support Smart IR to avoid Infrared over-exposure at night
- => Support ICR auto switch, achieve best result for Day & Night video
- => Support PoE
- => Support 3D DNR and digital WDR
- => Support auto-electronic shuttle to suit different surveillance environment
- => Built in Mic
- => Support HTTPS encrypted transmission
- => Support Onvif, Email, NTP service
- => Change the password during initial use to ensure the security of the password
- => Water and Dust Resistant (IP67)

# Specification

## Camera

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Chipset            | T31N                                                                 |
| Sensor             | 1/2.9", 5MP low illumination CMOS sensor                             |
| Lens               | 6mm lens                                                             |
| Angle Adjustment   | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°                |
| Focal length & FOV | 4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3°   |
| D&N                | ICR switch, auto/color/B&W/CDS trigger/customized time               |
| D-WDR              | WDR (Off/Low/Middle/High)                                            |
| IR Led Control     | IR/warm/dual light, auto/manual/off, support 0-100 brightness adjust |
| IR Range           | Upto 30m                                                             |
| 3D DNR             | Off/Low/Middle/High/Higher                                           |
| Defog              | Off/Low/Middle/High                                                  |
| Mirror             | Off/horizontal mirror/vertical mirror/180° flip                      |
| Image Setting      | Brightness, Contrast, Sharpness, Saturation, Chroma                  |

## Humanoid Detection

|                             |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| Detection Quantity          | ≤5 person                                                         |
| Humanoid Size               | Humanoid pixel≥40X40                                              |
| Detection Ratio             | ≥99% (meet above requirement)                                     |
| Capture Corresponding speed | ≤1s                                                               |
| Max Detection Frame         | 5fps/s                                                            |
| Fault Detection Ratio       | ≤2%                                                               |
| Detect Part                 | People with any posture including half body, head, hand, shoulder |
| Track People                | Support                                                           |
| Detection Mode              | Support static and dynamic humanoid detection                     |
| Detection Method            | Image detection during day or night time with lights or IR Led's  |
| Detection Area              | Appointed area, default full-screen                               |
| Upload Method               | Upload it under private protocol                                  |
| Trigger Method              | Video trigger                                                     |

## Audio & Video Encoding

|                  |                                                                                                                                                                                                                                                                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard         | Smart 265, H.265, H.264                                                                                                                                                                                                                                                                                                                                        |
| Encoding Feature | Main Stream:5MP 2592*1904@20fps, 4MP 2560*1440@20fps, 3MP 2048*1536@20fps, 2MP 1920*1080@25fps, NTSC 2MP 1920*1080@30fps<br>Sub-Stream:D1(720*576), VGA(640*480), Q720P(640*360), CIF(352*288), QVGA(320*240)<br>5MP 2592*1904<br>Fixed code rate, variable code rate(main stream:160Kbps-4000kbps)<br>Composited stream/video stream<br>G.711u/ G.711A 64Kbps |
| Max Resolution   |                                                                                                                                                                                                                                                                                                                                                                |
| Video Code Rate  |                                                                                                                                                                                                                                                                                                                                                                |
| Video Type Audio |                                                                                                                                                                                                                                                                                                                                                                |
| Standard         |                                                                                                                                                                                                                                                                                                                                                                |

## Network Function

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Network Protocol           | TCP/IP,UDP,HTTP,HTTPS,DHCP,RTSP,DDNS,NTP,PPPOE,UPNP,SMTP                                          |
| Connection Protocol        | Slink, Onvif, GB28181 (option)                                                                    |
| Security Mode              | Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification |
| Motion Detection           | Set detection area, can set multi-level sensitivity                                               |
| Occlusion Alarm            | Support 1 area                                                                                    |
| Privacy Mask               | Support 4 areas                                                                                   |
| Schedule Linkage           | Snapshot, email                                                                                   |
| Device Abnormal Inspection | Support network broken alarm, IP conflict alarm, illegal visiting alarm                           |
| Character Overlay (OSD)    | Title, time and date overlay, multi-line and color of characters optional                         |

## Port

Network Port  
DC Pin

RJ45 10M/100M network self-adaptation  
12V

## General

Power Supply

Built in POE

Material

Metal Body

Dimension

230mm x 73mm x 66mm (9.0" x 2.8" x 2.5")

Package Dimension

232mm x 112mm x 117mm (9.1" x 4.4" x 4.6")

Weight

430 approx.

Package Gross Weight

580 approx.

Working Temperature

-15°C ~ 50°C

Working Humidity

0%~90%

