

## 4ch HD 1.3MP Starlight Full Color Network IP Camera kit



1.3MP Starlight Full Color Network IP Camera, based on HiSilicon embedded platform, adopts 1/2" 1.3 Megapixel large area starlight super low illumination progressive scan CMOS and R&D intelligent 3D noise reduction algorithm, Intelligent AE exposure algorithm. Real Day&Night full color camera module. All kinds of color and scene can be seen clearly in the night with stars.

These cameras can be applied in finance, government, square, school and transportation and cities where is in weak light or needs full color monitoring.

### Product feature

1. 1/2" 1.3 Megapixel large area starlight super low illumination progressive scan CMOS; super low illumination CMOS Sensor, minimum illumination [0.01Lux@F1.2](#) color, [0.001Lux@F1.2](#) B/W;
2. Starlight full color camera, exposing every details in a colorful night;
3. Good night vision with intelligent 2D, 3D noise reduction algorithm;
4. Intelligent AE exposure algorithm, rapid convergence of high light, clearly see illuminant;
5. Adopt H.264High profile/M-JPEG dual coding, Tri-streaming output (2 channel H.264+1channel MJPEG);
6. Maximum resolution up to 1280x960@30fps
7. Support Android、IOS; Mobile P2P review, check video at anytime anywhere;
8. Optional audio, WIFI, etc;
9. Support standard ONVIF 2.4 protocol、RTSP protocol、Topsee UC2 Client、Xiongmai private protocol;
10. Seamless compatible Hikvision NVR and IVMS-4200 (Version: V2.02.03.03) PC Software platform;
11. Excellent compatibility, Compatible with most of NVR in the market and several software platform;
12. Open systems, provide Linux、Windows SDK and CGI protocol.

Specification :

|                              |   |
|------------------------------|---|
| <b>Model</b>                 | SA007<br>1/2" 1.3 Megapixel large area starlight super low illumination progressive scan CMOS                         |
| <b>Chipset</b>               | Hi3518E   |
| <b>Sensor</b>                | 1/2" 1.3M Pixel CMOS IMX185B  |
| <b>WDR range</b>             | 69.5 dB   |
| <b>SNR</b>                   | 44dB  |
| <b>Lens Mount</b>            | CS  |
| <b>Minimum illumination</b>  | <a href="#">0.005Lux@F1.4 (Color)</a> ; (mode)  |
| <b>Day-night mode</b>        | Auto ICR filter color to black, fixed B/W, fixed color, external control  |
| <b>AGC</b>                   | Auto/ Manual  |
| <b>WB</b>                    | Auto, indoor, outdoor, Sodium lamp mode, manual   |
| <b>WDR</b>                   | Support D-WDR   |
| <b>DNR</b>                   | Support 2DNR,3DNR   |
| <b>Exposure mode</b>         | Program mode ( customized shutter interval), Shutter Mode (1/5 - 1/20,000s), support Slow Shutter                     |
| <b>Video compression</b>     | H.264 High profile / M-JPEG   |
| <b>Audio</b>                 | Audio compression : G711, PCM, 1channel input : linear, impedance 1KΩ; 1 channel output: linear, impedance 600        |
| <b>Max Resolution</b>        | 1280x960@30fps  |
| <b>Video Resolution</b>      | Main stream ( 1280x960、1280x720、720x576、640x480 )<br>Second stream ( 640x480、352x288、320x240、176x144 )                |
| <b>Output bitrate</b>        | Fixed stream ( CBR ) Variable bitrate (VBR)code stream range: 32K~10M   |
| <b>P2P</b>                   | Support Android、IOS smart phone remote view   |
| <b>Network protocol</b>      | TCP/IP, HTTP, NTP, IGMP, DHCP, UDP, SMTP, RTP, RTSP, ARP, DDNS, DNS, P2P  |
| <b>Onvif</b>                 | Standard onvif2.4   |
| <b>Compatibility</b>         | Support Hikvision, Dahua, Xiongmai CMS, Topsee UC2、AMELEC NVR I8 ONVIF platform、support mainstream NVR ONVIF protocol |
| <b>Network interface</b>     | 1 channel 10/100BaseT Ethernet, RJ45 port   |
| <b>USB port</b>              | optional wifi、4G module   |
| <b>Power supply</b>          | 12VDC@0.25A   |
| <b>Operating Temperature</b> | -30°C ~60°C   |
| <b>Operating humidity</b>    | 0%-90% RH ( non-condensing )  |

**NVR Specification:**

|                              |                          |  |
|------------------------------|--------------------------|--|
| <b>Model</b>                 |                          | SA-71045GFB-KIT  |
|                              |                          | 4CH WIFI 1080P HD-NVR                                    |
| <b>System</b>                | <b>Main processor</b>    | HISI3535   |
|                              | <b>Operating System</b>  | Embedded Linux   |
| <b>Video</b>                 | <b>Video compression</b> | H.264 High Profile Level 4.2                             |
|                              | <b>Video output</b>      | 720P60,XGA,1080P60                                       |
|                              | <b>Video input(IP)</b>   | 4*1080P/4*960P/4*720P                                    |
| <b>Audio</b>                 | <b>Audio compression</b> | G.711  |
|                              | <b>intercom</b>          | None   |
| <b>Record &amp; playback</b> | <b>Recording mode</b>    | Manual/Alarm/Video Detection/Continuous                  |
|                              | <b>Local Playback</b>    | 4*1080P  |
| <b>Storage &amp; Backup</b>  | <b>Record Storage</b>    | network  |
|                              | <b>Backup mode</b>       | Network backup, USB hard disk                            |
| <b>Network Control</b>       | <b>Protocol</b>          | TCP/IP,HTTP,DHCP,UDP,RTP,RTSP,FTP,NTP,ONVIF,SADP(IP),P2P |
| <b>Interface</b>             | <b>Video output</b>      | 1ch HDMI, 1ch VGA output                                 |
|                              | <b>Audio I/O</b>         | None   |
|                              | <b>Alarm I/O</b>         | None   |
|                              | <b>Network interface</b> | 1*RJ45 10M/100M/1000M Adaptive Ethernet port             |
|                              | <b>USB</b>               | 2*USB 2.0 port   |
|                              | <b>Hard disk</b>         | 1SATA(Up to 4TB)   |
| <b>Other</b>                 | <b>Power supply</b>      | DC +5V/2A  |
|                              | <b>Power Consumption</b> | 5W (Without HDD)   |
|                              | <b>Work environment</b>  | Temperature:-10℃ – +55℃, Humidity:10%-90%RH              |

**Packing list:**

NVR Host\*1

WiFi 13.mp Camera\*4

USB Mouse\*1

DC 12V3A Power supply (NVR)\*1

DC 12V Power supply ( IPC Use)\*4  
Product user manuals\*1