5MP 30X Optical Zoom HD Network Camera

Key Features

- 1/1.8" 5MP IMX568 Global exposure CMOS Sensor.
- 30X (f=4.5-148.5mm) optical zoom.
- Minimum illumination: 0.001lux (F1.2, AGC ON, color), 0.001lux (F1.2, AGC ON, B/W)
- H. 265+, H.265, H.264 encoding
- Supports mirroring, flipping; BLH, HLC, 3DNR, Defog; Digital WDR
- Supports infrared/full-color/dual light modes, PWM dimming
- Standard ONVIF, GB28181, HIK, DH and other proprietary protocols
- Provide SDK development kit, support secondary development, support CGI, HTTP, WEBSOCK protocol docking
- AIISP image enhancement, enhancing low noise effect
- . Google Core Browser without plugins

Technical parameters

Model	SVN-HD568K
Camera	
DSP	Hi3519DV500, ARM Cortex A55@1000MHz Dual-Core
DDR	8Gbit LP DDR4
Flash	1Gbit SPl Nor Flash(2Gbit batch optional)
Image sensor	5MP 1/1.8 IMX568 Global exposure CMOS sensor, color: 0.001Lux@F1.2 Black and white: 0.001Lux@F1.2
Watchdog	System watchdog
WDR	120dB
Aperture	F1.4-F4.2
Focus control	Manual/Auto
Focus range	4.5±5%~148.5±5%mm
HOV	Wide: 67.28°; Tele: 2.61°
Image parameters	
Main stream	30fps@ (2448*2048, 2296*1920, 2048*1712, 1920*1080)
Subcode stream	30fps@ (704*576, 640*480)
Third stream	30fps@ (704*576, 640*480, 640*352, 320*240)
Video compression standard	H.265+/H.265/H.264
Video compression bitrate	512 Kbps~32 Mbps

white balance	Automatic/Manual/One time White Balance
Electronic shutter	From 1/12 second to 1/100000 second
Noise reduction	Support 3D/2D noise reduction
WDR	Support digital wide dynamic range
AIISP	Support AISP image enhancement
Image function	Support BLC, HLC, Defog, anti-flicker, lens correction, mirroring, flipping, gain and other functions
Audio	
Audio Interface	1-channel input, supporting microphone or microphone input; 1 output, supports connecting headphones or amplifiers
Audio Compression	G711U / G711A / AAC-LC
Network	
Simultaneously preview the number of routes	Maximum 12CH
Network protocol	CGI, HTTP, HTTPS, GB28181, SIP, RTMP, TCP/IP, UDP, RTP, FTP, RTCP, RTSP, NTP, DHCP, DNS, DDNS, SNMP, SSL/TLS, WebSocket; Support standard protocols such as ONVIF
Browser	Preview using plugins: IE10, IE11 Preview without plugins: Edge, Chrome, Firefox, etc
Auxiliary interface	
Network	1 RJ45 Ethernet port, 10 M/100 M adaptive
Audio	1-channel input: supports microphone or microphone input; 1-channel output: supports connecting headphones or amplifiers
Lamp board control	Supports photosensitive detection input and PWM dimming
USB port	1 USB 2.0 interface (5V power supply), supporting expansion of 4G/WiFi (dual band)/storage functions/UVC
General	
Size	122*50*55mm
Operation temperature	-20℃～+60℃
Power supply	DC12V