



IP network camera. 5 million pixel CMOS sensor and progressive-scan high-performance processor design development. Based on the H.264 algorithm, the highest support 2560 * 1920 resolution real-time, convenient in high-definition images on its narrowband transmission. A leading global 3A intelligent algorithm, ensure excellent image quality and night color. With automatic aperture and IR-how the conversion function day and night and stable embedded Linux operating system. The industry leading double streaming technology and global VOIP come (SIP) audio and video surveillance and alarm bi-way call, to meet the needs of a variety of monitoring, complete support the TCP/IP protocol suite. this camera overflow powerful alarm function, complete the video before rich external function interface (USB, SD, WIFI, concepts behind PoE, alarm input/output devices, etc.) to ensure easy and flexible installation requirements.

Feature

- Ø High-performance 5-megapixel progressive scan CMOS sensor
- Ø leading multi-stream technology, real-time H.264, Motion JPEG encoding, up to 2560* 1920 resolution
- Ø innovation 3A image algorithm with auto iris and IR-Cut Day and night function
- Ø Support for external alarm sensor input and alarm output device
- Ø Support 24M pre-alarm / post-alarm buffer
- Ø support for USB2.0 and SD card for local storage and external wireless modules
- Ø Support motion detection and event notification to the PC client
- Ø e-PTZ support electronic PTZ functionality
- Ø support the way users access up to 10 high-definition video preview
- Ø SIP / VoIP
- Ø support two-way audio and video through mobile phone or video phone monitoring
- Ø Compatible with common SDK and client software
- Ø Power over Ethernet support (802.3af), optional wireless module

Technical Parameter

Video compression H.264, Motion JPEG
Image Sensor 1/2.5", 5 mega pixels CMOS, 2592H x 1944V
Lens Type 1/2", mega pixels camera, DC-Iris (lens optional)
Conversion day and night CDS sensor, a mechanical IR-Cut
Sensitivity 1.4V/lux-sec (550nm)
Resolution 2560x1920; 2048x1536; 1920x1080; 1600x1200; 1280x960; 1280x720;
1024x768; 800x592; 800x480; 640x480; 640x368; 480x368;
480x272; 320x240; 320x176; 256x192; 256x144
Maximum frame rate 6fps @ 2560x1920;
12fps @ 2048x1536;
30fps @ 1920x1080; 1600x1200;
60fps @ 1280x960; 1280x720;
Stream 32 Kbps – 10 Mbps
Video output BNC, Level 1.0Vp_p, impedance 75Ω
Audio input 3.5mm LINE-IN, built-in microphone
Audio output 3.5mm LINE-OUT
Alarm Input 1 channel switch input, $V_{in} \leq 45V$ or $I_{in} \leq 25mA$
Alarm output relay output, 125VAC/0.5A, 30VDC/2A, normally open
Audio compression G.711, AEC(pending)
Serial RS485
Intelligent video motion detection (the detection area 16), video loss alarm
(Pending)
The pre-alarm / post-alarm
buffer
24MB
Alarm events alarm events and alarm input is triggered by Email / FTP
transmission, local
storage
Dual-stream supports
Secure password protection, administrator permissions
Network interface 10M/100M adaptive
Network protocols TCP, UDP, IP, HTTP, DHCP, RTP, RTSP, FTP, SMTP,
DNS, DDNS, NTP, ICMP, IGMP, ARP, SIP
Power over Ethernet (PoE) IEEE 802.3af Default Class
External Interface SD 2.0, USB 2.0
Wireless Wi-Fi (802.11b/g) optional module
SIP/VoIP support telephone communications network
Dimensions (L x W x H) 164mm x 68mm x 64mm
weight 0.6kg
Operating Temperature /
Humidity
0°C – 45°C (32°F–113°F)
Humidity: 10–90% relative humidity (no condensation)
Power adapter output output: 12VDC/1A; input: 100–240VAC, 50–60Hz
Certification FCC ; CE ; C-tick

