

4CH Wireless IP Camera & NVR Security Kit

SEK204



Features:

- > Convenient Installation
 - No wiring, adjustment flexible
 - Plug and play
 - P2P, offer friendly APP
 - Built-in SATA HDD
- > Wireless transmission stability
 - 2.4G wireless
 - 720P HD Video
 - Special and separate network for wireless transmission
 - Wi-Fi wild working distance up to 60M
- > Quick setup, with built-in multilingual management page



What it does:

The netis SEK204 includes 720P HD Wireless IP Camera(SEC111) and 4CH Wireless NVR(SEV204). It provides a smarter security camera system, with the 720P wireless IP camera and P2P applications, and offers cellphone remote control through friendly APP for your home and office monitoring. Also, with the wireless NVR design, which is built-in wireless router, you may easily establish a solution where wiring is not suitable, such as small shop, villa, office, the temporary venue, remote elder children nurse and etc.

www.netis-systems.com

4CH Wireless IP Camera & NVR Security Kit

SEK204

Specification:

| 4CH Wireless NVR | | |
|----------------------------|--|--|
| MODEL No. SEV204 | | |
| Operating System | Embedded Linux operating system | |
| VIDEO/IMAGE | | |
| Image Code Control | Image code quality adjustable, variable bitstream and constant bitstream optional | |
| Dual Stream | Each channel can set main stream and sub stream | |
| Video Standard | 960P(1280*960) 30fps /720P(1280*720)30fps | |
| Monitoring Image Quality | 960P(1280*960)/720P(1280*720) | |
| Image Motion Detection | Each screen can set multiple detection areas and set 6-level sensitivity (IPC Support) | |
| Recording Playback Quality | 4ch 720P playback simultaneously | |
| Recording Mode | Support manual, auto, dynamic detection, alarm trigger record mode (Partly needs IPC Support) | |
| Backup Way | Support U disk, USB mobile HDD, USB DVD-RW, network storage and backup | |
| Recording Storage | Local HDD, network | |
| VIDEO INPUT | | |
| IP video input | 4* (1280*720/1280*960) IP camera | |
| VIDEO OUTPUT | | |
| HDMI Output | 1ch, resolution: 1920*1080P/60Hz, 1920*1080P/50Hz, 1440*900, 1366*768, 1280*1024, 1024*768 | |
| VGA Output | 1ch, resolution: 1920*1080P/60Hz, 1920*1080P/50Hz, 1440*900, 1366*768, 1280*1024, 1024*768 | |
| ALARM MANAGEMENT | | |
| Events Triggs | Built-in motion detection, scheduler | |
| Notification Method | Alarm, Buzzer, E-mail, FTP | |
| WIRELESS | | |
| Standards | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n | |
| Signal Rate | Up to 300Mbps | |
| Frequency Range | 2.4-2.4835GHz | |
| Transmit Power | <24dBm | |
| Data Transfer Rates | 802.11n: 40MHz(300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps) 20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense) 802.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b: (11Mbps, 9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps) | |
| Modulation Mode | 802.11b: CCK, QPSK, BPSK | 802.11g/n: OFDM |
| Wireless Security | 64/128-bit WEP WPA-PSK/WPA2-PSK | WPA/WPA2 WPS |
| HARD DISK | | |
| Interface Type | 1* SATA interface | |
| Capacity | Built-in 1TB SATA HDD (only for Standard Packing) Support up to 4TB SATA HDD for update | |
| INTERFACES | | |
| Standards | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX | |
| Network Interfaces | 1* 10/100Mbps Auto MDI/MDIX RJ45 WAN port | 3* 10/100Mbps Auto MDI/MDIX RJ45 LAN port |
| USB Interface | 2* USB 2.0 Port | |
| LED Indicators | Power, Hard Disk, RUN | |
| Antennas | 2* 5dBi Detachable Antenna, SMA Connector | |
| Power Supply | DC 12V/3A (Output) | |
| SOFTWARE | | |
| WAN Type | DHCP, Static IP, PPPoE, L2TP, PPTP, Dual Access, WISP | |
| Port Forwarding | Virtual Servers, Port Triggering, UPnP, DMZ, FTP Private Port | |
| LAN | DHCP Client, DHCP Server | |
| Mobile Surveillance | Support iPhone, Android smart phone for remote control | |
| Others | Time Settings, Firmware Upgrade, Backup & Restore | |
| GENERAL | | |
| Certification | FCC, CE | |
| Environment | Operating Temperature: 0°C~40°C Operating Humidity: 10%~90% non-condensing | Storage Temperature: -40°C~70°C Storage Humidity: 5%~90% non-condensing |
| Dimensions(L x W x H) | 257x210x45mm | |

| 720P HD Wireless IP Camera | | |
|----------------------------|---|--|
| MODEL No. SEC111 | | |
| Image Sensor | 1/4" Progressive scan CMOS sensor | |
| Min. Illumination | 0.1Lux @(F1.4, AGC ON), 0 Lux with IR | |
| Shutter time | 1/25s ~ 1/100,000s | |
| Lens | 3.6mm@ F2.0 (6mm optional) | Angle of view: 62.2°(3.6mm), 39.8°(6mm) |
| Lens Mount | C/M12 (optional) | |
| LED | 4pcs Big Array LED Optional | |
| Day & Night | ICR | |
| Wide Dynamic Range | Digital WDR | |
| Digital noise reduction | 3D DNR | |
| VIDEO | | |
| Image Compression | H.264 | |
| Image Frame Rate | 32 Kbps ~ 16 Mbps | |
| Resolution | 720P(1280*720), VGA(640*480), QVGA(320*240) | |
| Stream | Dual stream | |
| Frame Rate | 50Hz: 25fps (1280*720) | 60Hz: 30fps (1280*720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser | |
| NETWORK | | |
| Network Storage | NAS | |
| Alarm Trigger | Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour | |
| Security | User Authentication, Watermark, IP address filtering, anonymous access | |
| System Compatibility | ONVIF, PSIA, CGI | |
| WIRELESS | | |
| Standards | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n | |
| Signal Rate | Up to 150Mbps | |
| Frequency Range | 2.4-2.4835GHz | |
| Transmit Power | <20dBm | |
| Data Transfer Rates | 802.11n: 40MHz (150Mbps, 135Mbps, 120Mbps, 90Mbps, 60Mbps, 45Mbps, 30Mbps, 15Mbps) 20MHz (72Mbps, 65Mbps, 57Mbps, 43Mbps, 28Mbps, 21Mbps, 14Mbps, 7Mbps) (Auto-Sense) 802.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b: (11Mbps, 9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps) | |
| Modulation Mode | 802.11b: CCK, QPSK, BPSK | 802.11g/n: OFDM |
| Wireless Security | 64/128-bit WEP WPA-PSK/WPA2-PSK | WPA/WPA2 WPS |
| Wireless Range | Outdoor: 150m, Indoor(no wall): 50-60m (Depend on environment) | |
| INTERFACES | | |
| Network Interface | 1* 10/100Mbps Auto MDI/MDIX RJ45 LAN port | |
| Antennas | 1* 4dBi Detachable Antenna, SMA Connector | |
| Power Supply | DC 12V/1A (Output) | |
| GENERAL | | |
| Certification | FCC, CE | |
| Environment | Operating Temperature: 0°C~40°C Operating Humidity: 10%~90% non-condensing | Storage Temperature: -40°C~70°C Storage Humidity: 5%~90% non-condensing |
| IR Range | Up to 20-30m | |
| Dimensions (L x W x H) | 205 x 70 x 55mm | |

Others

| | | | |
|--------------------------|---|--|---|
| KIT Package | 1* SEV204(With HDD) 4* 12V/1A Power Adapter 1* Ethernet Cable | 4* SEC111 4* Mounting Kits 1* Quick Installation Guide | 1* 12V/3A Power Adapter 1* USB Mouse |
| KIT Package Size | 403 × 200 × 305mm | | |
| KIT Weight (Without HDD) | 3.5Kg | | |

Topological Graph:

