

# 4CH Wireless Dome IP Camera & NVR Security Kit

## SEK204D



### Features:

- > Convenient Installation
  - No wiring, adjustment flexible
  - Plug and play
  - P2P, offer friendly APP
  - Built-in 1TB SATA HDD (only for Standard Packing)
- > 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 SEK204D includes 720P HD Wireless IP Camera(SEC112) 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.

## 4CH Wireless Dome IP Camera & NVR Security Kit

## SEK204D

### Specification:

4CH Wireless NVR	
<b>MODEL No. SEV204</b>	
Operating System	Embedded Linux operating system
<b>VIDEO/IMAGE</b>	
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
<b>VIDEO INPUT</b>	
IP video input	4* (1280*720/1280*960) IP camera
<b>VIDEO OUTPUT</b>	
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
<b>ALARM MANAGEMENT</b>	
Events Trigge	Built-in motion detection, scheduler
Notification Method	Alarm, Buzzer, E-mail, FTP
<b>WIRELESS</b>	
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) 801.11g: (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/WPA2 WPA-PSK/WPA2-PSK      WPS
<b>HARD DISK</b>	
Interface Type	1* SATA interface
Capacity	Built-in 1TB SATA HDD (only for Standard Packing) Support up to 4TB SATA HDD for update
<b>INTERFACES</b>	
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)
<b>SOFTWARE</b>	
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
<b>GENERAL</b>	
Certification	FCC, CE
Environment	Operating Temperature: 0°C~40°C      Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing      Storage Humidity: 5%~90% non-condensing
Dimensions(L x W x H)	257x210x45mm

  

720P HD Wireless IP Camera	
<b>MODEL No. SEC112</b>	
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/12 (optional)
LED	4pcs Big Array LED Optional
Day & Night	ICR
Wide Dynamic Range	Digital WDR
Digital noise reduction	3D DNR
<b>VIDEO</b>	
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
<b>NETWORK</b>	
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
<b>WIRELESS</b>	
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) 801.11g: (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/WPA2 WPA-PSK/WPA2-PSK      WPS
Wireless Range	Outdoor: 150m, Indoor(no wall): 50-60m (Depend on environment)
<b>INTERFACES</b>	
Network Interface	1* 10/100Mbps Auto MDI/MDIX RJ45 LAN port
Antennas	1* 4dBi Detachable Antenna, SMA Connector
Power Supply	DC 12V/1A (Output)
<b>GENERAL</b>	
Certification	FCC, CE
Environment	Operating Temperature: 0°C~40°C      Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing      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 4CH Wireless NVR 1* 12V/3A Power Adapter 4* Mounting Kits 1* Ethernet Cable	4* SEC112 720P HD Wireless Dome IP Camera 4* 12V/1A Power Adapter 1* USB Mouse 1* Quick Installation Guide
KIT Package Size	403 x 200 x 305mm	
KIT Weight (Without HDD)	3.5Kg	

### Topological Graph:

