

# NVR3204-P



## NVR3204-P NVR ( Network Video Recorder )

### Description

**NVR3204-P** NVR (Network Video Recorder) is a high performance network video surveillance system for high-end, convenient, and reliable IP-based real-time monitoring and video recording. Powered by Dual-core embedded processor CPU, the Linux-embedded NVR supports 4 channel H.264 and M-JPEG recording from Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc. IP-based security cameras. With high performance handle capacity, **32 Mbps**, **NVR3204-P** NVR supports long-term and high performance megapixel recording (up to **2 megapixels**) from various IP cameras anytime, anywhere over the web, independent of any PC. and smart mobile phone, iPhone, iPad, Adroid.

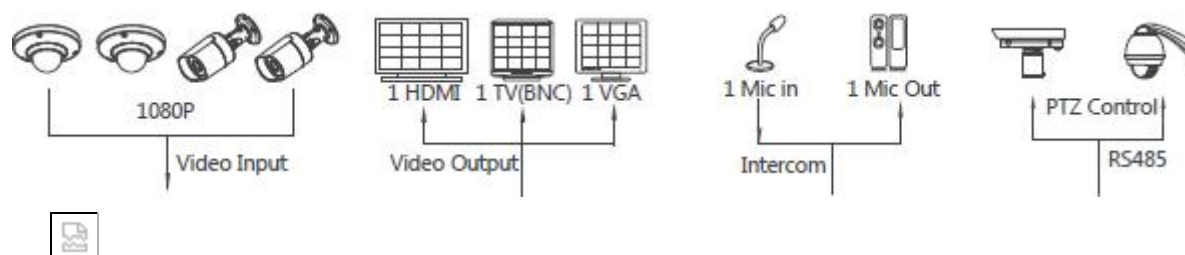
**NVR3204-P** NVR offers high quality video recording and is yet simple to use and easy to maintain. It is an ideal end-to-end network surveillance system for system integrators, SMB, and enterprise users.

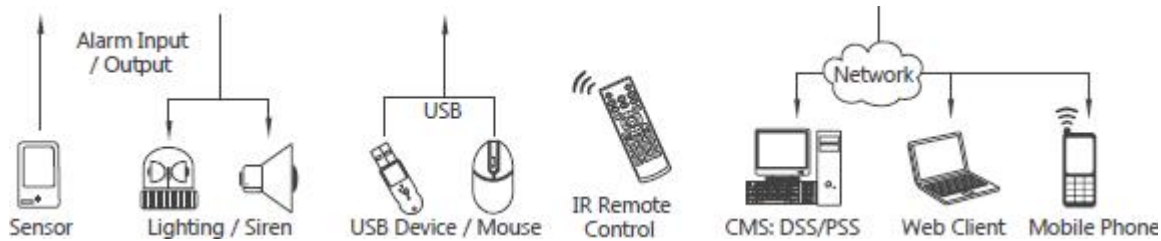
### Powerful Features

- Up to 4 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Up to **2 megapixels** resolution ip camera
- Max **32 Mbps** incoming bandwidth
- **1080P** HDMI/VGA simultaneous video output
- 1 / 4 channel synchronous realtime playback, GRID interface
- 1 / 4 channel synchronous realtime preview, GRID interface
- ONVIF Version 2.0 conformance
- Support **2 SATA** HDDs up to 8TB, 2 USB2.0
- Support IPC UPnP, **4 PoE** ports
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & iPhone, iPad, Adroid(DMSS)



### System Connection





## PC CMS Software

- Register up to 1000 channels connection and 64 live viewing at 1 screen, support max 121(11x11) view
- Support DVRs, video servers, IP cameras, decoders and other network products connection.
- PTZ, bidirectional talk, camera settings, color adjustment
- Support device management, configuration, reboot and other operations
- Support decoder connection to realize virtual matrix system and video wall display
- Support different alarm types: external, motion detection, video loss, camera masking and etc.
- Support video monitoring project, layout configuration, recording plan and etc.
- Device status and other information provided in the "health report"
- Support video search from local PC, device itself and other storage center
- Used for the central monitoring system



## Mobile Phone Surveillance Software



**iDMSS for ios System :**

**gDMSS for Android System :**

**DMSS for Blackberry System :**

**DMSS for Symbian System :**

**DMSS for Window Mobile System :**

**DMSS for Windows System :**

Support iPhone OS 4.1 or higher and iPad

Support Android OS 2.0 or higher.

Support Blackberry OS 4.6 or higher (Not support 7.0 OS).

Support Symbian S60 3rd.

Support Windows Mobile OS 5.0 or higher.

Support Windows Phone OS 7.0 or higher

## Technical Specifications

## **NVR3204-P**

**Main Processor** Dual-core embedded processor

**Operating System** Embedded LINUX

### **Video & Audio**

**IP Camera Input** 4 channel

**Two-way Talk** 1 channel Input, 1 channel Output, BNC

### **Display**

**Interface** 1 HDMI, 1 VGA, 1TV

**Resolution** 1920x1080, 1280x1024, 1280x720, 1024x768

**Display Split** 1 / 4

**OSD** Camera title, Time, Video loss, Camera lock, Motion detection, Recording

### **Recording**

**Compression** H.264 / MJPEG

**Resolution** 1080P(1920x1080), 1.3M(1280x960), 720P(1280x720), D1(704x576) & etc.

**Record Rate** Max 32 Mbps

**Bit Rate** 48~ 8192kbps

**Record Mode** Manual, Schedule(Regular(Continuous), MD, Alarm), Stop

**Record Interval** 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

### **Video Detection & Alarm**

**Trigger Events** Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips

**Video Detection** Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank

**Alarm Input** 4 channel

**Relay Output** 3 channel

### **Playback & Backup**

**Sync Playback** 1 / 4

**Search Mode** Time/Date, Alarm, MD & Exact search (accurate to second), Smart search

**Playback Function** Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom

**Backup Mode** USB Device / Network

### **Network**

**Ethernet** 1 RJ-45 port (10/100/1000Mbps)

**PoE** 4 ports (IEEE802.3af)

**Network Function** HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)

**Max. User Access** 20 users

**Smart Phone** iPhone, iPad, Android, Windows Phone

### **Storage**

**Internal HDD** 2 SATA ports, up to 8TB, Raid (redundancy)

### **Auxiliary Interface**

**USB** 2 ports USB2.0

**RS232** 1 port, For PC communication & Keyboard

**RS485** 1 port, For PTZ control

**General**

<b>Power Supply</b>	NVR: DC12V
<b>Power Consumption</b>	20W (without HDD), PoE Port: Max.15W (each)
<b>Working Environment</b>	-10°C ~ +55°C / 10% ~ 90%RH / 86~106kpa
<b>Dimension(WxDxH)</b>	1U, 375mm x 285mm x 50mm
<b>Weight</b>	2.3KG (without HDD)