

NVR5416-16P



NVR5416-16P NVR (Network Video Recorder)

Description

NVR5416-16P 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 16 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 handling capacity, **128 Mbps**, **NVR5416-16P** NVR supports long-term and high performance megapixel recording (up to **5 megapixels**) from various IP cameras anytime, anywhere over the web, independent of any PC. and smart mobile phone, iPhone, iPad, Adroid.

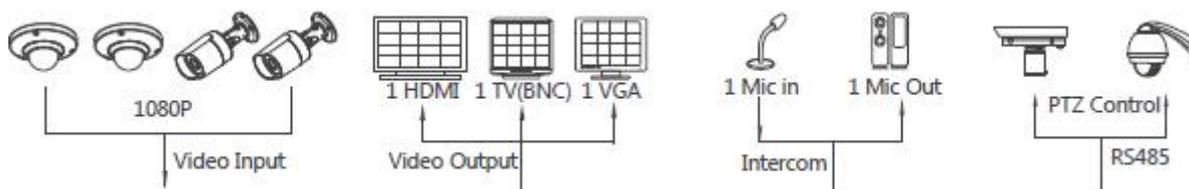
NVR5416-16P NVR offers high quality video recording and is yet simple to use and easy to maintain. It is an ideal end-to-end network surveillance system for system integrators, SMB, and enterprise users.

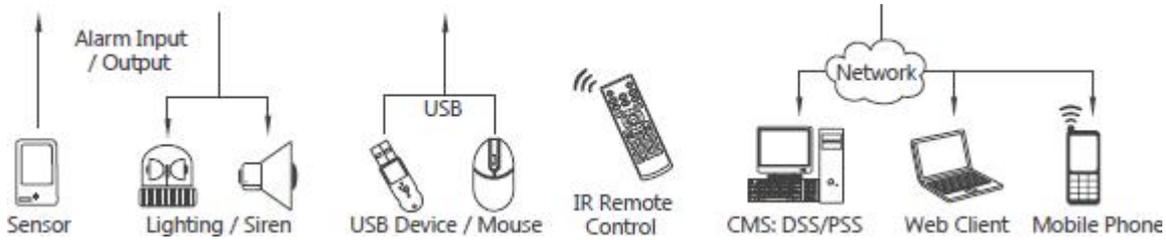
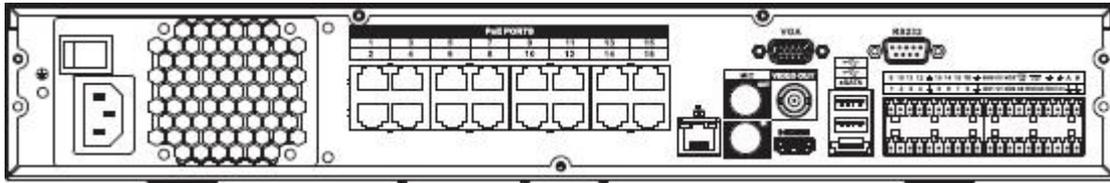
Powerful Features

- Up to 16 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Up to **5 megapixels** resolution ip camera
- Max **128 Mbps** incoming bandwidth
- **1080P** HDMI/VGA simultaneous video output
- 1 / 4 / 9 / 16 channel synchronous realtime playback, GRID interface
- 1 / 4 / 8 / 9 / 16 channel synchronous realtime preview, GRID interface
- ONVIF Version 2.0 conformance
- Support **4 SATA** HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- Support IPC UPnP, **16 PoE** ports
1 eSATA up to 16TB,
- 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 :** Support iPhone OS 4.1 or higher and iPad
- gDMSS for Android System :** Support Android OS 2.0 or higher.
- DMSS for Blackberry System :** Support Blackberry OS 4.6 or higher (Not support 7.0 OS).
- DMSS for Symbian System :** Support Symbian S60 3rd.

DMSS for Window Mobile System : Support Windows Mobile OS 5.0 or higher.
DMSS for Windows System : Support Windows Phone OS 7.0 or higher

Technical Specifications

NVR5416-16P

Main Processor Dual-core embedded processor

Operating System Embedded LINUX

Video & Audio

IP Camera Input 16 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 / 8 / 9 /16

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

Recording

Compression H.264 / MJPEG

Resolution 5MP(2560x1920) / 3MP(2048x1536) / 1080P(1920x1080) / 1.3M(1280x960)/ 720P(1280x720) / D1(704x576/704x480) & etc.

Record Rate Max 128 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 16 channel

Relay Output 6 channel

Playback & Backup

Sync Playback 1 / 4 / 9 / 16

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 16 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** 4 SATA ports, up to 16TB, Raid (redundancy)**External HDD** 1 eSATA port (Max 4 SATA HDDs), up to 16TB**Auxiliary Interface****USB** 3 ports USB2.0**RS232** 1 port, For PC communication & Keyboard**RS485** 1 port, For PTZ control**General****Power Supply** AC 100V~240V, 50/60Hz**Power Consumption** 40W (without HDD), PoE Port: Max.15W (each)**Working Environment** -10°C ~ +55°C / 10% ~ 90%RH / 86~106kpa**Dimension(WxDxH)** 1.5U, 440mmx460mmx68mm**Weight** 5KG (without HDD)