

H.264 IP Video Solution

NVS-I01PP-TE, NVS-I01NP-TE
 , NVS-I02PP-TE, NVS-I02NP-TE



nVR



nHub



nVE

Features:

- Upgrade the low cost & high performance analogue camera to the IP System
- De-centralized & Modularized Total Solution Design
- Unlimited number of camera system expansion at anytime
- Up to 480pps @D1 Resolution (1,920pps @SIF) Display & Recording; which the old DVR technology can NOT give
- No Power Cable to Camera required as it is powered over the network by the POE technology.
- Reduce minimum 50% of Installation Cost
- No Software Cost, No License Cost
- Less Maintenance Cost thanks to TCP/IP network
- H.264 & JPEG Dual-type Codec Design Ensures the Crisp & Clear Recorded Video & Audio



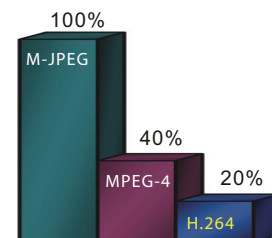
System Components:

- Network POE Hub nHub
- Network POE Video Encoder nVE
- Network H.264 Video Recorder nVR
- Network PC Viewing Software nPcVS
- Network Pocket Viewing Software nPoVS

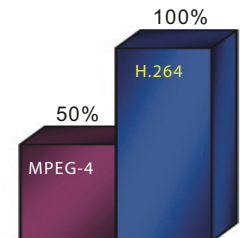
Technology



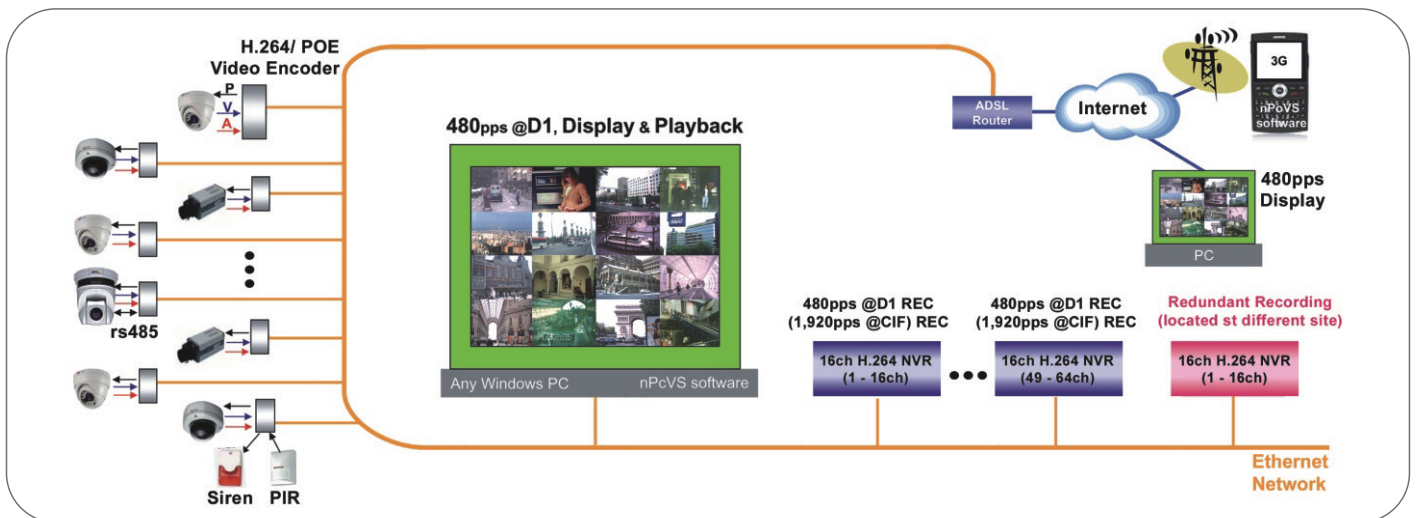
File Size



Video Quality



System Diagram(IP CCTV)



Features:

Network POE Hub (model no.: nHub)

Standard:

IEEE820.3i	: 10Base-T, 10Mbit/s
IEEE802.3u	: 100Base-T, 100Mbit/s
IEEE802.3ab	: 1000Base-T, Gbit/s
IEEE802.3af	: Powerover Ethernet (PoE)

Interface:

Number of Ports	: 10/100/1000Base-TX with PoE injector x4 10/100/1000Base-TX uplink port x 1
Connectors	: 10/100/1000TX: RJ-45 x 5
Power Provision	: DC48V, 300mA per each port (max.)

Power Requirements:

Power Input	: 90 to 240 Vac, 50/60Hz (socket)
Power Consumption	: 55W (full loading)

Mechanical:

Enclosure	: Aluminum material
Installation	: wall mount or desktop
Dimension	: 184 x 100 x 44 mm
Weight	: to be defined

Environment:

Operating Temperature	: 0 to 50 °C
Operating Humidity	: 10% to 80% R.H. (non-condensing)
Storage Temperature	: (-)10 to (+) 70 °C
Storage Humidity	: 5% to 95% (non-condensing)

Approvals: : CE, FCC, LVD, RoHS

Network POE Video Encoder (model no.: nVE)

Standard:

IEEE820.3i	: 10Base-T, 10Mbit/s
IEEE802.3u	: 100Base-T, 100Mbit/s
IEEE802.3af	: Powerover Ethernet (PoE)

Interface:

BNC input	: x 1
RS485	: x 1
Audio Input (mono)	: x 1 (terminal)
Audio Output (mono)	: x 1 (terminal)
Alarm Input	: x 1 (terminal)
Control Output	: x 1 (terminal)
Power to camera	: DC12V, max. 10W (terminal)
External Power Input	: x 1 (DC12V, 1A, when not using the PoE function)
RJ45 Port	: x 1

Video & Audio:

Video format	: works with either NTSC or PAL analogue cameras
Video Codec	: H.264 & JPEG video stream
Video/ Audiostream	: upto 30 frames/sec @D1 resolution
Motion Detection	: built-in
Web Server	: built-in
Hardware Watchdog	: built-in

Power Requirements:

Built-in PD Device	: DC12V, 1A from the PoE nHub power source
Effective Distance	: 100m (away from PoE nHub)
External Power Input	: DC12V, 1A, when NOT using the PoE function
Power to Camera	: DC12V, 0.7A- 8W (max)

Mechanical:

Enclosure	: Aluminum material
Installation	: wall mount or desktop
Dimension	: 37 x 60 x 33 mm
Weight	: to be defined

Environment:

Operating Temperature	: 0 to 50 °C
Operating Humidity	: 10% to 80% R.H. (non-condensing)
Storage Temperature	: (-)10 to (+) 70 °C
Storage Humidity	: 5% to 95% (non-condensing)

Approvals : CE, FCC, RoHS

Network H.264 Video Recorder (nVR)

Video & Audio

Operating System	: Linux Embedded OS
Handle # of Video Inputs (max.)	: x 16 ch
Handle # of Audio Inputs (max.)	: x 16 ch
Recording Rate & Resolution	: 480pps @D1 resolution (30pps@D1 per each camera)
Hard Disk	: SATA Type x 2, up to 1,000GB per each
Network Port	: 10/100/1000 Base TX (RJ45) x 1

Power Requirements:

Power Input	: DC 12V (a 90-240 Vac, power adaptor supplied)
Power Consumption	: 3.5W (exclude hard disk's)

Mechanical:

Housing	: Metal material
Installation	: desktop
Dimension	: 425 x 300 x 44 mm
Weight	: to be defined

Environment:

Operating Temperature	: 0 to 50 °C
Operating Humidity	: 10% to 80% R.H. (non-condensing)
Storage Temperature	: (-)10 to (+) 70 °C
Storage Humidity	: 5% to 95% (non-condensing)

Approvals : CE, FCC, RoHS

CMS (Utility Requirement)

Network PC Viewing Software (model no.: nPcVS)

Platform Utility : Windows XP, Vista

Network Pocket Viewing Software (model no.: nPoVS)

Platform Utility : Windows Mobile

Specifications are subject to change without prior notice

CE FC RoHS



OEM/ODM
Project Support