

NP-5000 Network Video Server

Managing the migration from analog to IP smoothly...

with bundled
network
recording
software*

Neugent's NP-5000 is a high resolution network based video server which converts video signals from up to four analog cameras into full frame rate IP-MPEG4 streams and transmit these video images to remote clients over an IP network, such as LAN, intranet or Internet.

**available March 2009*



Full D1 Streaming

-live video and audio streams are available at full frame rate, real-time full D1 resolution (NTSC: 720x480, PAL: 720x576) making the image clearer

Multi-device Streaming

-allows simultaneous remote video monitoring over multiple devices such as PC and mobile phone/PDA

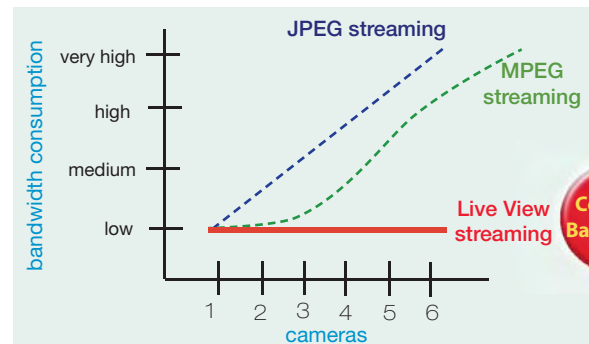


TV Out Support

-capable of displaying the videos directly to a regular TV set in high quality resolution

Bandwidth Usage Saver

-With the new Live View Streaming feature, you can view all cameras real-time in MPEG4 format which is significantly smaller in size than the JPEG and MPEG streaming.



Constant Bandwidth

Features:

- Better network function
- ::Full D1 streaming
- ::Multi-video streaming (MPEG4&MJPEG)
- ::Multi-device streaming
- ::Built-in web viewer
- ::DDNS support
- ::Live View streaming
- ::Full duplex audio
- ::Audio streaming

-PTZ control

-SMS and email alerts

-Motion event detection

-Video loss detection

-TV out support

-Sensors/Relays

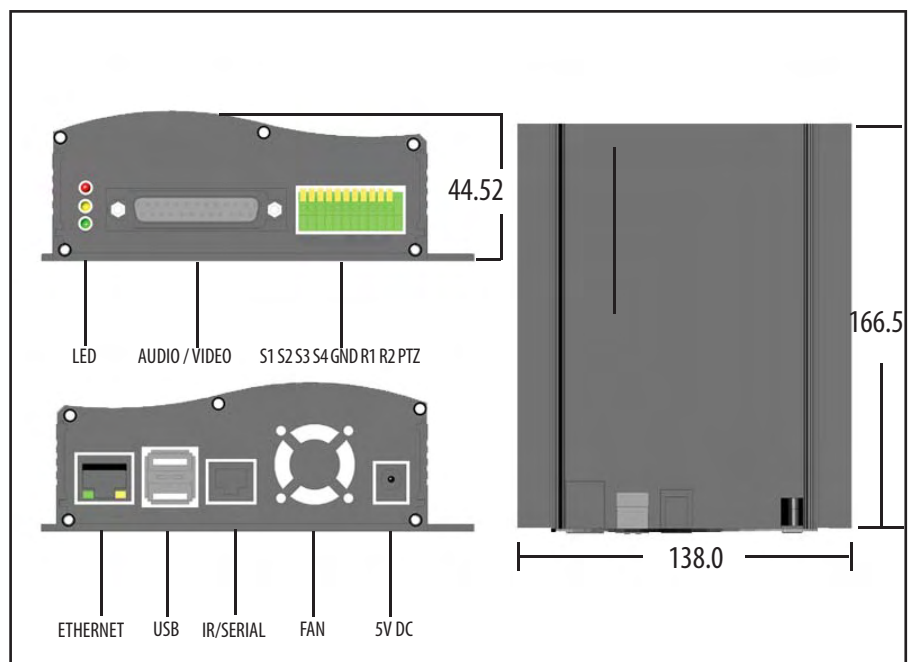
-Bundled Powerful Remote Software

-Bundled Network Recording Software

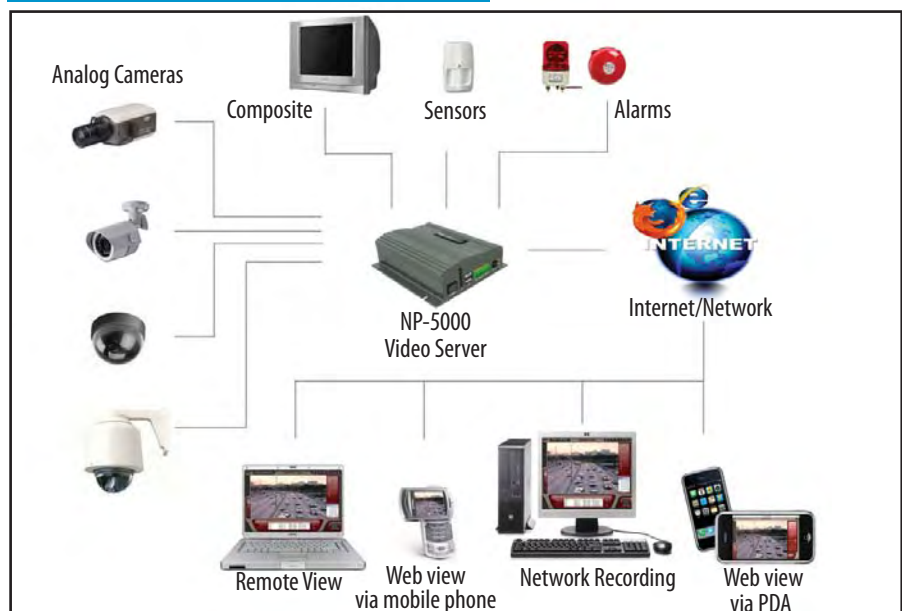
Applications:

traffic monitoring, school video surveillance, construction site monitoring, production lines and factory monitoring, warehouse management, retail, etc.

Dimensions (in mm):



System Diagram:



Technical Specifications:

Video

Compression	MPEG-4 / MJPEG, Dual streaming
Inputs	4 channels
Output	1 TV out
Display Speed	real-time D1 30 fps
Bit Rate	32K ~ 3 Mbps

Audio

Compression	G.723
Inputs	4 channels
Output	1 Audio out
Sampling rate	8 KHz

Video Streaming

Streaming Speed	360x240 up to 120fps (NTSC)
	720x240 up to 120fps (NTSC)
	720x480 up to 120fps (NTSC)
	360x288 up to 100fps (PAL)
	720x288 up to 100fps (PAL)
	720x576 up to 100fps (PAL)

Network

Ethernet Protocols	10/100 Base-T Ethernet
	TCP/IP, DHCP, HTTP, DDNS, NTP, FTP, SMTP, PPPoE
Streaming Video Remote View	Dual encoding / Mux Video Streaming
	Client software, Browser, Mobile

PTZ

Connector	RS-485
Protocols	Pelco P, Pelco D, Merit Lilin, Visca, Dynacolor
Baud Rates	2400 ~ 115200

System

Embedded Linux, ARM9-Based SOC

Sensor Inputs

4 channels

Relay Outputs

2 channels

Event System Trigger

Motion event with multiple variable sensitivity zones, video loss detection, sensor events

Action

SMS and email alerts

USB 2.0

2

Watchdog

Yes

Firmware upgrade

via Network or USB

Power Supply

5V, 3A power adapter

Operation Temperature

0°C ~ 70°C

Dimension (L x W x H)

166.5mm x 138mm x 44.52mm

Unit Net Weight

0.55 g/1.21 lbs (approximately)