

IP Video Servers

NVIP-VS101LITE, NVIP-VS101,
NVIP-VS102, NVIP-VS104



- Real-time video and audio transmission through the network
- Video stream compression, resolution, speed and quality defined individually for each channel
- Hardware motion detection
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote IP devices administration

MPEG-4 or M-JPEG
25 fps for D1 resolution
Alarm Input/Output
RTP/RTSP

IP video servers that allow for operation with each camera from a wide offer of NOVUS® trademark are a very attractive economic solution to systems based on IP technology. It particularly refers to systems that utilize advanced TV surveillance cameras such as speed domes, WDR cameras, IR cameras, advanced day/night cameras etc.

Since high-tech IP cameras functions are not developed adequately to their prices, IP video servers are currently the most optimal solution to IP video monitoring systems through the full exploitation of analogue TV surveillance cameras features. The video servers convert cameras' images to the digital format and send compressed video streams via IP network (local or internet). Thanks to the deinterlacing filter, the servers improve the quality of displayed dynamic scenes coming from traditional CCTV cameras as fields. Additionally, built-in alarm inputs and outputs as well as audio connectors are evidence of the complex functionality of the devices.

IP video servers are also the right choice for those who already have traditional TV surveillance systems installed and wish to develop them, considering simultaneous switching into the future IP technology.

Specifications

| Model | NVIP-VS101LITE | NVIP-VS101 | NVIP-VS102 | NVIP-VS104 |
|------------------------------|--|--|------------|--|
| Video Input | 1 x BNC | 1 x BNC | 2 x BNC | 4 x BNC |
| Video Output | - | 1 x BNC, loop-through | - | 1 x BNC (video channel or quad view selection) |
| Video Standard | NTSC/PAL, individually selectable for each channel | | | |
| Video Compression | MPEG-4/M-JPEG | | | |
| Audio Input | 1 | 1 | 2 | 4 |
| Audio Output | - | 1 | 1 | 1 |
| Audio Compression | PCM, a-LAW, μ -LAW | | | |
| Resolution | D1 (720 x 576), 4CIF (704 x 576), VGA (640 x 480), 2CIF (704 x 288), CIF (352 x 288), QVGA (320 x 240), QCIF (176 x 144) | | | |
| Alarm Input | - | 2 | 2 | 4 |
| Alarm Output | - | 2 | 2 | 4 |
| Alarm Output Characteristics | - | Optocouplers max. 100 mA/30 V | | |
| Frame Rate | Up to 25 fps/channel for each resolution (PAL), Up to 30 fps/channel for each resolution (NTSC) | | | |
| Dual Stream Mode | - | - | 1 channel | 2 channels |
| External Ports | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s, 1 x USB 2.0 - for external storage devices, 1 x RS-485 - for PTZ cameras, 1 x RS-232 | | |
| Deinterlacing Filter | Hardware | | | |
| Motion Detection | Hardware | | | |
| Time Synchronization | Automatic time synchronization with NTP server | | | |
| Network Protocols Support | HTTP, NTP, DDNS, DHCP, UDP, TCP, RTP, RTSP | | | |
| Software | NMS (NOVUS MANAGEMENT SYSTEM) | | | |
| Power Supply | 12 VDC (230 VAC/12 VDC PSU in-set included) | | | |