

## Video Server NVIP-VS101



### Features

- Real-time video and audio compression and network transmission
- Compression: MPEG-4/M-JPEG
- Video capturing/transmission 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)
- Loop-through output
- Video stream compression, resolution, speed and quality defined individually for each channel
- RTP/RTSP protocol support for video and audio transmission
- Support for data transmission
- Hardware deinterlacing filter
- Hardware motion detection
- Bidirectional audio transmission - G.711 encoding standard
- RS-485 port for PTZ camera connection
- USB 2.0 port for external storage connection
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote video server administration
- Power supply: 12 VDC (230 VAC/12 VDC PSU in-set included)

Specifications	Description
Video Input	1 x BNC
Video Standard	NTSC/PAL, individually selectable for each channel
Video Output	1 x BNC, loop-through
Video Compression	MPEG-4/M-JPEG
Audio Input	1
Audio Output	1
Audio Compression	PCM, a-LAW, $\mu$ -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
Alarm Output	2
Alarm Output Characteristics	Optocouplers max. 100 mA/30 V
Frame Rate	25 fps/channel for each resolution (PAL), 30 fps/channel for each resolution (NTSC)

Specifications	Description
External Ports	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
Data Encryption	AES* (independent stream encryption: video, audio and data)
Time Synchronization	Automatic time synchronization with NTP server
Network Protocols Support	HTTP, FTP*, SMTP*, NTP, DDNS, DHCP, UDP, TCP, RTP, RTSP,
Software	NMS
Power Supply	12 VDC (230 VAC/12 VDC PSU in-set included)
Power Consumption	4.3 W
Operating Temperature	0°C ~ 60°C
Relative Humidity	0% ~ 85% (non-condensing)
Dimensions (mm)	103 (W) x 38 (H) x 142 (D)
Weight	382 g
*	available soon