

NVS-3510

NVS-3520

1-ch DIN-rail H.264 IP Video Server

2-ch DIN-rail H.264 IP Video Server

NEW



RoHS COMPLIANT
CE FCC

Features

- 1 or 2-ch DIN-rail video server
- H.264 / MPEG4 / MJPEG dual streaming
- Up to D1@30fps for each channel
- 2-way audio function
- RS-485 for PTZ control and Modbus serial device control
- DI/O for proactive alarms and control
- Supports SD/SDHC cards up to 32GB for local backup
- Supports PoE (Power over Ethernet)
- Supports Information On-Screen
- Bundled with VideoDAQ monitoring software

Introduction

NVS-3510/3520 are industrial-grade, 1 or 2-ch DIN-rail video servers with H.264 / MPEG4 / MJPEG compression technology. NVS-3510/3520 support up to D1 resolutions and real-time frame rate (30fps@NTSC / 25fps@PAL) for live viewing and recording. The serial ports of RS-485 and digital I/O provide the functions of Camera PTZ (Pan/Tilt/Zoom) control and proactive alarm function. To enhance the security level, NVS-3510/3520 support SD/SDHC cards up to 32GB as a local backup storage when the network is broken. NVS-3510/3520 also support PoE (Power over Ethernet) functionality and can be used with PoE Ethernet switches. Information On-Screen provides the ability to show I/O data on the video frame. This allows users to view real-time status of the monitored object. With Advantech's VideoDAQ software, NVS-3510/3520 are ideal solutions in video networking for industrial automation applications.

Specifications

Video

- Channels 2
- Resolution QCIF/CIF/4CIF/D1
- Compression H.264/MPEG4/MJPEG
- Video Stream Dual-stream each channel with different settings
- Frame Rate up to 30fps @NTSC / 25fps @PAL (adjustable)
- Bit Rate Control Supports Constant bit rate (CBR) & Variable bit rate (VBR)

- OSD Date/Time/Title/I/O data
- Connector BNC, male / 1.0Vp-p, 75ohms

Audio

- Channels 1x line-in, 1x line-out
- Sampling Rates 8 KHz, line-in, mono
- Compression G.711 a-law / mu-law / PCM
- Audio-out Line-out
- Connector Phone jack, Female

Network

- LAN Ports 1 x Ethernet wired, 10/100M Base-TX
- Protocols TCP/IP, UDP, HTTP, DHCP, NTP, DNS, RTP/RTSP, Modbus/TCP, Modbus/RTU
- Connector RJ-45 wired

Power & Peripherals

- PoE IEEE 802.3af PoE Standard
- Power plug 10~30 V_{DC}/2pin, 5.08 Terminal Block
- Serial port 2x RS-485 (1 for PTZ control; 1 for Modbus serial device control)
- DI/O DI x 4
Logic 0: +0 ~ 3 V_{DC}
Logic 1: +10 ~ 30 V_{DC}
Type: Wet contact
DO x 2, 24 V_{DC} 1 A
Type: Relay, Form C
- SD Card 1 SD card slot supports SD/SDHC up to 32GB

Software (VideoDAQ)

- IP Search Auto-scan installed IP devices from LAN
Network settings
- Live View 1/4/6/7/8/9/10/13/16 split modes
Channels grouping
Screen modes switching by schedule
2-way Audio / Video delay time < 0.3sec
- Recording Provides ASF, MOV, AVI, MP4 file formats
Manual over-write setting when the storage is full
Supports Schedule / Manual recording
- Playback Playback by time bar and calendar
Supports multiple channels playback simultaneously

Software Development Kit (provided upon request)

- Video Server HTTP CGI command sets
RTSP stream command sets
- VideoDAQ ActiveX SDK
Sample codes

Physical Characteristics

- Power Consumption DC 24V / 375mA / 9Watt
- Operating Temperature -10~ 60° C (14 ~ 140° F)
- Dimensions (W x D x H) 106 x 43 x 152 mm
- Safety CE / FCC / RoHS

Ordering Information

- NVS-3510 1-ch DIN-rail H.264 IP Video Server
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