

NVS-3002

2 Channel H.264 Network Video Server



Video and audio input, H.264, full channel @D1 realtime encodingVideo and audio input, H.264, full channel @D1 realtime encoding.

Features

- 2 channel video and audio input
- H.264 video compression and JPEG image capture
- Full channel @D1 realtime encoding
- High quality two-way talk
- Multi-zone video detection and privacy masking
- 4 alarm inputs /2 alarm outputs
- RS485 and RS232 interface
- 3D intelligent positioning with PTZ dome
- Hot-swap SD card for local storage

NVS-3002

Specifications

Model	NVS-3002
System	
Main Processor	High-performance industrial embedded micro controller
OS	Embedded LINUX
System Resources	Multiplex operations: Multiple-channel record, multiple-channel playback and network operation simultaneously
Interface	User-friendly graphical user interface
Input Devices	USB mouse
Input Method	Arabic number, English character, donation and extension Chinese (optional)
Compression Standard	
Video	H.264
Audio	G.711A
Video Monitor	
Input	2 channel 1.0V p-p 75Ω BNC
Output	1 channel 1.0V p-p 75Ω BNC; 1 channel VGA output. Supports TV/VGA output simultaneously
Record Speed	1fps ~ 30fps
Partition	1/2 windows
Tour Resolution	525TVL, 60fps Real-time monitor: D1: 704×576/704×480 Main stream: D1 704×576/704×480; HD1: 352×576/352×480; 2CIF: 704×288/704×240, CIF: 352×288/352×240; QCIF: 176×144/176×120
Image Quality	6-level image quality (Adjustable)
Privacy Mask	Support one privacy mask of user-defined size in full screen. Support max 4 zones
Image Information	Channel information, time information and privacy mask zone.
TV Adjust	Adjust TV output zone suitable to anamorphic video.
Channel Lock	Cover secret channel with blue screen though system is encoding normally.
Information	Screen-lock function to prevent unauthorized user seeing secret video. Channel name, recording status, screen lock status, video loss status and motion detection status are shown on the bottom left of display screen.
Color Configuration	Hue, brightness, contrast, saturation and gain setup
Audio	
Input / Output	2 channel 200-2000mV 10KΩ (RCA); 1 channel audio input - 3.5mm Jack MIC IN
Bi-Directional	1 channel audio output, 3.5mm Jack LINE OUT
Talk	Reuse audio output
Storage	
Backup Mode	Hot-swappable SD card Support download and save
Network	
Control	View monitor channel remotely NVS configuration through software and web browser View alarm information via software. Support network PTZ control File download backup and playback Network alarm input and output

Motion Detection & Alarm	
Motion Detection	Zone setup: support 330 (22×15) detection zones. Various sensitivity levels. Alarm can activate record or external alarm or screen message prompt.
Video Loss	Alarm can activate screen message prompt.
Interface	
USB	1 USB 2.0 port
Network	RJ45 10M/100M self-adaptable Ethernet port
RS485	1 port, For PTZ control
Antenna	1 antenna to connect wireless module antenna
System Information	
Hard Disk	HDD current status
Data Stream Statistics	Data stream statistics for each channel (in wave mode)
Log Statistics	Backup to 1024 log files. Support various search modees such as time and type
Version	Display version information: channel amount, system version and release date.
Online Users	Display current on-line users
User Management	
User Management	Multi-level account management Integrated management for local user, serial port user and network user. Configurable user power Support unlimited users and groups
Password Authentication	Password modification. Administrator can modify other user's password. Account lock strategy, Five times login failure in thirty minutes results in account lock
Miscellaneous	
Upgrade	Config tool
Login, Logout, & Shutdown	Password login protection to guarantee safety
Environmental	
Power	12V DC, 3A
Power Consumption	< 5W
Working Temperature	-40°F ~ 131°F/-40°C ~ 55°C
Working Humidity	10% - 90%
Atmospheric Pressure	86kpa ~ 106kpa
Dimensions (W×D×H)	5.39"x6.38"x1.18"/137mm×162mm×30mm
Weight	2.87lbs/1.3kg
Installation Mode	Desktop