



NVS480
4-Channel
Audio/Video Server



NVS480R/480RH
4-Channel Audio/Video Server
(built-in DVR with up to 2048 HDD)

AirGoggle™ NVS480/NVS480R/NVS480RH Professional IP Video Audio Server Series

The AirGoggle NVS Server series is an all-in-one high performance professional network audio video server, for analog CCTV and NVC AirGoggle cameras, available in single channel-NVS460H, quad channel-NVS480, and quad channel with DVR-NVS480R. The hybrid recording feature of both CCTV and NVC AirGoggle IP cameras is only offered by the NVS480RH. It offers full D1 720x480 video resolution and efficient network real-time streaming via MPEG-4 video streaming technology which is bandwidth and storage friendly. It is the industries most efficient network video server with adjustable video rate control from 32kbps to 3mbps.

The all-in-one concept support many popular RS-485 protocol for total PTZ control with 3rd party PTZ dome models, Sensor and relay I/O support many access control and sensor modules, and full backend video management support via NVR100 16 channel or NVM1000 64 channel version software makes the high-performance AirGoggle NVS series video server ideal for professional security surveillance applications.

APPLICATIONS



AIRPORTS

Regardless if it is inside or outside of an airport, Inscape Data offers total wired or wireless IP based video security solutions that will save on your installation cost and make your monitoring more efficient



BUILDINGS

Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make your buildings more secure



METROPOLITAN STREETS

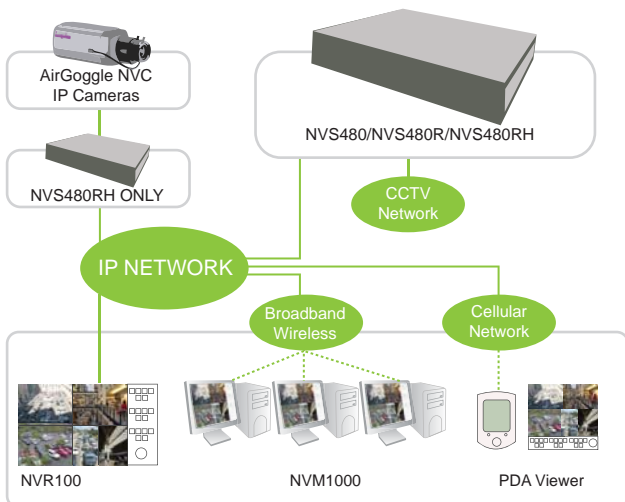
Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make the streets and metropolitan safer



SCHOOL CAMPUS

Regardless if it is inside classrooms or on a campus, Inscape Data's wired and wireless IP based video security solutions will save on your installation cost and make monitoring easier

SYSTEM CONFIGURATIONS



Client PC System Requirements

Minimum PC Specifications
CPU: Pentium III, 700MHz
Main Memory: 128MB
Web Browser: MS Internet Explorer 4.0 or Newer
Resolution: 800x600 or Higher
Network: Ethernet 10 Base-T LAN

Recommended PC Specifications
CPU: Pentium 4, 1.5GHz
Main Memory: 256MB
Web Browser: MS Internet Explorer 5.0
Resolution: 1024x768
Network: Ethernet 10 Base-T LAN

KEY FEATURES & BENEFITS

- Highly efficient MPEG-4 video compression (100:1) at least 10 Times more efficient, in terms of the network bandwidth usage, when it is compared to Motion JPEG (M-JPEG)
- Full D1 resolution (720x480 VGA) with de-interlacing filter
- OSD (On Screen Display) support for date & time display
- Local Quad display support (monitor out)
- Motion detection and event triggered alarm processing
- 4-Channel Audio/Video input output and bi-directional audio communication supported
- Remote P/T/Z control over the network
- MPEG-4 (36Kbps -3 Mbps) for video based on ISO Standards
- ADPCM (32Kbps) for audio based on ISO Standards
- Video Resolution NTSC: 720X480 (encoded, 704x480 displayed) PAL/SECAM: 20x288(encoded, 720x578 displayed), 352x288 (CIF), 176x144(QCIF)
- Frame Rate NTSC: max 30 frames/sec PAL/SECAM: max 25 frames/sec
- Local Quad display support (monitor out)
- Embedded Streaming Server transmitting synchronized video and audio data in a single channel simultaneously
- Display mode on client PC viewer Full screen, 720x480, 320x240, 160x120
- Packaged with a free user-friendly NVR100 Client Viewer & Video Recorder Software
- Hardware includes 32bit RISC embedded processor (206MHz), Flash Memory: 4Mega Bytes and SDRAM: 32 Mega Bytes
- Multi-zone motion detected alarm
- Sensor triggered one alarm input & one relay output
- Event triggered or periodic data transmission to remote server (FTP and/or email)
- Capability to save and retrieve audio/video stream & still image
- Active-X based viewer program (1CH, 16CH)
- Easy brightness/contrast control
- Automatic download and installation
- Multiple Access Network Provided IEEE 802.11b, Ethernet, ADSL Modem, Cable Modem
- Supported Protocols: TCP/IP, ARP, ICMP, HTTP, SMTP, FTP, DHCP, RTP, RTSP, SDP, PPPoE
- User Registration and Password Protection Capability
- System Development Kit (SDK) offers APIs for software integration of video applications
- 8 CH Hybrid Recording: 4 CH CCTV & 4 CH IP Camera Video Server
NVS480RH Only

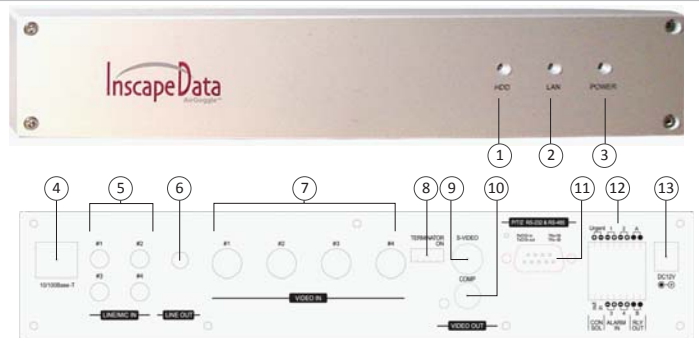
	NVS480	NVS480R	NVS480RH
Network Server			
Number of Channel Audio/CCTV Video Input Output Supported	4	4	4
Number of Channel Audio/IP Video Input Output Supported	0	0	4
Video Compression			
MPEG-4 (36Kbps -3 Mbps) for video	•	•	•
Max Video Resolution			
NTSC: 720X480, 2048GB HDD	•	•	•
PAL/SECAM: 720x480, 352x288(CIF), 176x144(QCIF)	•	•	•
Frame Rate			
NTSC: VGA (max 30 frames/sec)	•	•	•
QVGA (max 120 frames/sec)	•	•	•
PAL/SECAM (max 25frames/sec)	•	•	•
P/T Control			
RS-485 Multi-Vendor Interface	•	•	•
ActiveX Viewer Software			
1CH to 16CH Selectable	•	•	•
Bidirectional Audio			
ADPCM (32Kbps) for audio	•	•	•
Security			
User Registration and Password Protection	•	•	•
Alarms and I/O Control			
Motion detected alarm and Sensor triggered one alarm input & one relay output	•	•	•
Event triggered or periodic data transmission to remote server (FTP and/or email)	•	•	•
Network Access and Protocols Supported			
TCP/IP, ARP, ICMP, HTTP, SMTP, FTP, DHCP, RTP, RTSP, SDP, PPPoE, Ethernet	•	•	•
Multiple Access Network Provided			
Ethernet, ADSL Modem, Cable Modem	•	•	•
Client Viewer Software			
Active-X based client viewer program (1CH, 16CH)	•	•	•
Capability to save and retrieve audio/video stream and still image	•	•	•
Automatic download and installation	•	•	•
Power			
DC 12Volt/ 1A/ SMPS	•	•	•

Regulatory Approval



SYSTEM INTERFACES FOR NVS480/NVS480R/NVS480RH

1. Recording Activity Light – 480R Only
2. LAN connectivity and activity light
3. Power light
4. 10/100 Ethernet Port
5. Audio Channel 1 through 4 Input
6. Lineout
7. Video Channel 1 through 4 Input
8. Terminator Switch
9. Local Video output S-video (480R Only)
10. Local Video output Composite (480R Only)
11. Local Video output VGA (480R Only)
12. Alarm In, Relay Out, and RS-485 port
13. Power Input



THE LEADING
OUTDOOR NETWORK
APPLIANCE COMPANY

Product Information Online: <http://www.inscapedata.com/nvs480.htm>
and <http://www.inscapedata.com/nvs480r.htm>

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