

AirGoggle™

Color Network Video Camera Series

The AirGoggle NVC Camera Series is an all-in-one digital network camera which transmits live streaming video and audio to remote users via internet. Unlike other network cameras using still picture coding technology (M-JPEG, Wavelet coding...), the state-of-the-art video coding (MPEG-4) and speech coding (ADPCM) technologies are integrated in the AirGoggle NVC Cameras. The user of AirGoggle NVC Cameras can acquire either similar quality of video with significantly lower network bandwidth or much higher quality of video with same network bandwidth.

Key Common Features

- 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).
- 1/3 inch Sony Super HAD CCD
- Support up to 30 frames/sec, minimum storage needed
- Bi-directional audio communications
- Real Audio/Video streaming
- Motion detection and event triggered alarm processing
- Simple to record and playback on client PC
- Remote P/T control capability
- Wide range of network protocols supported
- Packaged with an easy to use and user-friendly Network Video Recorder NVR100 viewer software

Model Characteristics					
FUNCTION MODEL	Auto Iris Vari-focal	Fixed-Iris Fixed focal	PoE	Wireless IEEE802.11b	External Connection
NVC100		x			P, E
NVC110	x				P, E
NVC110P	x		x		E
NVC110W	x			x	P
PoE : Power over Ethernet			P: Power Line	E: Ethernet Cable	

Applications

- Remote Security
 - Homes, offices, warehouses, stores
 - Schools, baby cares, kindergartens
 - Construction sites
 - Manufacturing floors, factories
 - Retail stores
 - Public areas
- Business
 - Real Time video conferences
 - Remote office and monitoring
- Education
 - Distance learning
 - Multicasting to multiple remote student sites
- Entertainment
 - Sports
 - Festivals
 - Carnivals
- Special purpose
 - Traffic monitoring
 - Web cam
 - Weather and scientific observation
 - Medical monitoring

Client PC System Requirements

Minimum PC Specifications

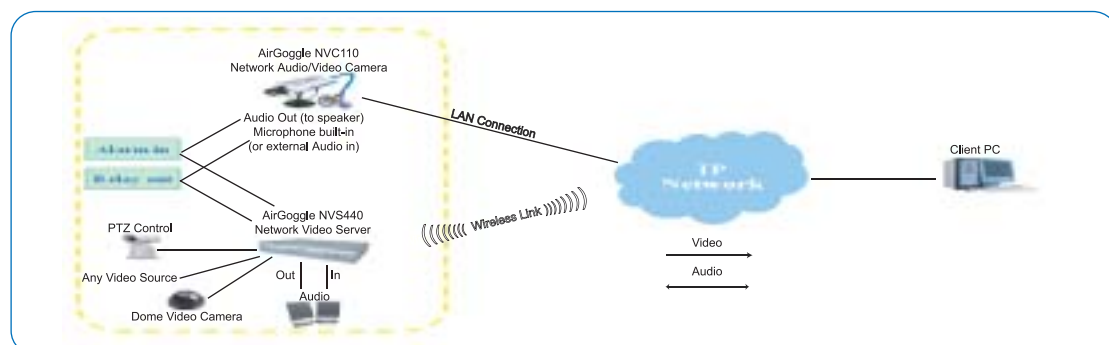
CPU: Pentium II 466 or higher
Main Memory: 64MB
Web Browser: MS Internet Explorer 4.0 or Newer
Resolution: 800x600 or Higher
Network: Ethernet 10 Base-T LAN

Recommended PC Specifications

CPU: Pentium III 700MHz
Main Memory: 128MB
Web Browser: MS Internet Explorer 5.0
Resolution: 1024x768
Network: Ethernet 10 Base-T LAN

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Inscape Data Corporation
www.inscapedata.com



NVC100
NVC110
NVC110P
NVC110W

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Color Network Video Camera



NVC100 Network Video Camera



NVC110 Network Video Camera



NVC110P Network Video Camera
(Power over Ethernet)



NVC110W Network Video Camera
(Wireless)

Product Specifications

- Real Audio & Video Coding based on ISO Standards
 - MPEG-4 (36Kbps - 1.5 Mbps) for video
 - ADPCM (32Kbps) for audio
- Embedded Streaming Server
 - Transmits synchronized audio & video data in a single channel simultaneously
- Video Resolution & Frame Rate
 - NTSC: 640x240(encoded, 640x480 displayed), 320x240(QVGA), 176x144(QCIF) Max. 30frames/sec
 - PAL/SECAM : 704x288(encoded, 704x578 displayed), 352x288(CIF), 176x144(QCIF) Max. 25frames/sec
- Camera Module
 - 1/3 inch Sony Super HAD CCD (270K pixels)
 - Sensitivity(minimum luminance for operation) : 0.5 Lux
 - Fixed Lens (F 1.3 8mm)
 - User selectable lens (C/CS mount)
- Display mode on client PC viewer
 - Full screen, 640x480, 320x240, 160x120
- Hardware
 - 32bit RISC embedded processor
 - Flash memory : 2M Bytes- SDRAM : 8M Bytes
- Alarms and I/O Control
 - Alarms
 1. Motion detected alarm
 2. Sensor triggered one alarm input & one relay output
 - Event triggered or periodic data transmission to remote server (FTP and/or email)
- Pan/Tilt Control
 - Pan/Tilt control capability with RS-485 interface
- Client Viewer S/W
 - NVR100 Viewer Software included, free of charge
 - Capability to save and retrieve audio/video stream & still image
 - Easy brightness/contrast control
 - Active-X based viewer program(1CH, 16CH)
 - Automatic download and installation
- Multiple Access Network Provided
 - 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
- Operating Environment : Recommended for indoor use. Outdoor use requires the AirGoggle CH100 Outdoor Camera Housing
- Weight & Dimension -
 - Weight: 1.85Kg (4.07 Lb) Gross / 1.83Kg (4.03Lb) Net / 0.6Kg (1.32Lb) Camera Net
 - Height: 4.70Cm (1.85"), With Stand: 16.5Cm (6.5")
 - Width 10.0Cm (3.94")
 - Length: 21.5Cm (8.46")
- Power : DC 12Volt / 1A / SMPS
- Approvals : CE / FCC

* Specifications subject to change without notice.

* For distribution partner details, please visit <http://www.inscapedata.com>

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