

**VN-A1U(A)** • Network Encoder •

## Now You Can Easily Access Your Analog Surveillance System Locally Or On The Web

*Introducing The VN-A1U Network Encoder With Built-in Web Server  
For Video Transmission And Remote Monitoring*



Transforming traditional analog video into high-quality JPEG images, the VN-A1U is a simple, cost-effective solution for simultaneous delivery of live images to multiple computers via Ethernet or the Internet. Powerful security features and remote camera control capability are also provided.

### Major Features

- **Direct Connection with Analog Camera to Digital Network**
- **Multi-Casting Capability**
- **Built-in Web Server**
- **Pre/Post Alarm Recording**
- **Motion Detection Function**
- **Exclusive Camera Controller/Viewer Software**
- **External Device Control via RS-422/RS-232C**

## Features

### Direct Connection with Analog Camera to Digital Network

Equipped with one BNC video connector for connection of an analog video camera and another loop-through video output for connection to an analog monitor, the VN-A1U can be connected directly to an Ethernet network and deliver live video images. It is not only the simplest way to convert your existing analog CCTV surveillance system into a flexible computer-controlled remote monitoring system, but it also allows you to use analog cameras and V.Networks cameras in the same system.

### Multi-Casting Capability

With the VN-A1U, camera monitoring is never restricted to a dedicated system or monitor. Multi-casting capability allows this versatile video server to deliver the same high-quality images to any and all computers on your network. There's virtually no frame rate degradation when the VN-A1U is accessed by multiple clients and network traffic management is easy and efficient.

### Built-in Web Server

The VN-A1U features a built-in web server that allows you to connect your surveillance system directly to the Internet without having to route it through a dedicated web server. This allows you to deliver high-quality, real-time images to any Internet-connected computer in the world, giving you unlimited flexibility. Images can be monitored through a standard web browser and various camera functions can all be controlled.

### Pre/Post Alarm Recording

Built-in alarm in/out terminals allow you to connect an infrared sensor or door alarm to automatically trigger alarm recording, while a 2MB memory is available for

pre/post alarm image storage. And when you use a removable Compact Flash memory card (up to 512MB), you can store multiple pre/post alarm images.

### Motion Detection Function

Add an extra layer of security to your system with this convenient function. The Motion Detection function automatically indicates if any movement occurs in a specified area of the screen. You can specify the detection area and select the sensitivity level. The minimum area size is 8 x 8 pixels.

### Exclusive Camera Controller/ Viewer Software

The VN-A1U comes with exclusive browser software that not only allows you to view camera images on a PC, but also lets you adjust various camera settings and picture quality. The latest updates can be downloaded from JVC's website.

### External Device Control via RS-422/RS-232C

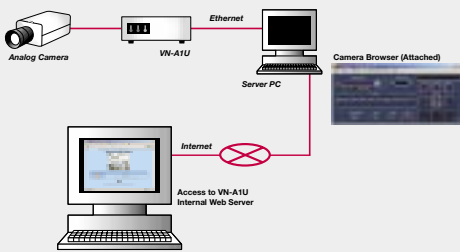
The VN-A1U is equipped with a switchable RS-422/RS-232C port and an exclusive RS-422 port to control external devices. Using VN-SE400U external device control package in combination with VN-S400U and VN-SV400U browser software, this convenient capability makes it possible for you to control operations and settings on JVC analog cameras, all through a single window on your PC screen.

### Other Features

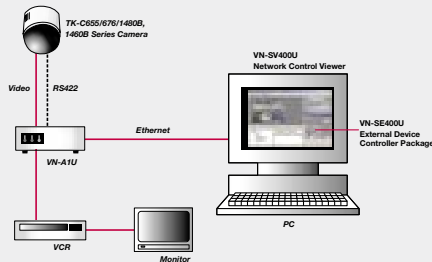
- 10Base-T/100Base-TX interface
- FTP client function
- User-created web page storage (FTP server function)
- NAT/IP masquerade
- Selectable power source — AC 24V or DC 12V

## System Examples

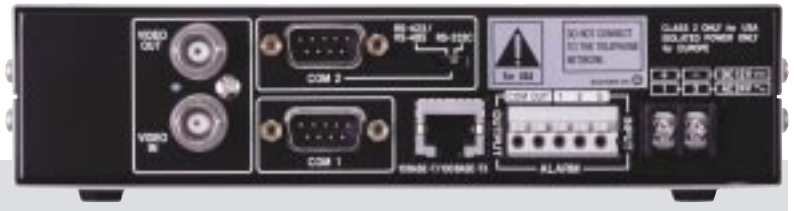
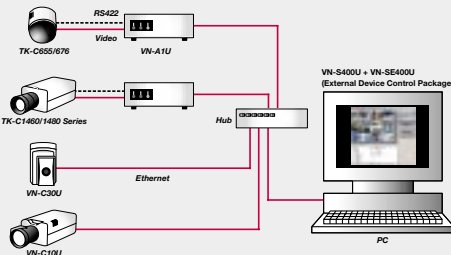
### • Single Camera Viewing



### • View & Control Analog CCTV Camera



### • Multi Camera Viewing & Control



Rear Panel

### Software



### Accessories

- EIA Rack Mount Adapter**
- VN-BK10 (for one unit)
  - VN-BK11 (for two units)

## Specifications

<b>Video input</b>	Composite video x 1 (BNC, 75 ohm, 1 Vp-p) NTSC/PAL auto detection	
<b>Video output</b>	Composite video x 1 (BNC, 75 ohm, 1 Vp-p, auto termination)	
<b>Interface</b>	10Base-T/100Base-TX	
<b>Alarm I/O</b>	Input x 2, Output x 1	
<b>Protocol</b>	UDP/IP, TCP/IP, HTTP, FTP, DHCP, IGMP, ARP	
<b>Picture</b>	<b>Resolution (Pixels)</b>	160 x 120, 320 x 240, 640 x 480
	<b>Compression</b>	JPEG
<b>Frame rate (fps)*</b>	160 x 120	30
	320 x 240	15
	640 x 480	5
<b>Serial connectors</b>	RS-422/485, RS-232C D-sub 9-pin 2 ports	
<b>Internal memory</b>	2MB SDRAM for pre/post alarm recording	
<b>External memory</b>	Compact Flash slot x 1 (up to 512 MB)	
<b>Motion detection</b>	Up to 300 areas, sensitivity adjustable	
<b>Multi-casting</b>	Yes	
<b>Web server</b>	Yes	
<b>View through</b>	JVC Control Software/Web Browser**	
<b>Power requirement</b>	DC 12V or AC 24V, 700 mA ± 70%	
<b>Dimensions (H x W x D)</b>	40 mm x 185 mm x 190 mm (1.6" x 7.3" x 7.5")	
<b>Weight</b>	1100 g (38.8 oz)	

\*Frame rate varies depending on the operating environment.

\*\*Web browser compatible with both Javascript and frame display. Netscape 4.0 or later, or Internet Explorer 4.0 or later is required. Even with Internet Explorer version 4.0 or later, it may not be possible to view moving images depending on the version of Java VM (Virtual Machine) installed.

# JVC PROFESSIONAL

DISTRIBUTED BY V.NETWORKS Website: <http://www.jvc-victor.co.jp/english/pro/vnetworks/index-e.html>  
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