

VN-A1U • Network Encoder •

The Cost-Effective Way To Plug Your Analog Surveillance System Into Your Network

Introducing The VN-A1U Network Encoder For Video Transmission And Remote Monitoring



Transforming traditional analog video into high-quality Motion-JPEG images at up to 30 frames/sec, the VN-A1U is a simple, cost-effective solution for transmitting digital video over an Ethernet network. In addition to high-resolution images and live video accessible from any computer, you'll benefit from powerful security features like pre/post alarm recording, plus remote control over connected camera operations including pan, tilt and zoom.

● Major Features

- Direct Connection with Analog Camera to Digital Network
- Pre/Post Alarm Recording
- Motion Detection Function
- Firmware Update Via Network

Everything You Need For Digital Video Transmission In A Compact, All-In-One Unit

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's not only the simplest way to convert your existing analog CCTV surveillance system into a flexible computer-controlled remote monitoring system, it also allows you to use analog cameras and V.NETWORKS cameras in the same system.



Product shown is a prototype. The actual product is equipped with two serial connectors.

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 with file sizes of up to 2MB each.

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.

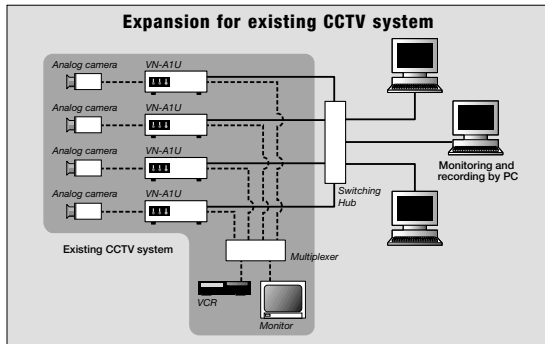
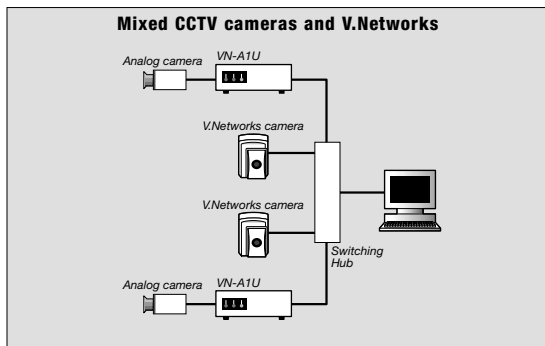
Firmware Update Via Network

Firmware can be downloaded from the JVC website. Exclusive software is available that lets you customize downloaded firmware to suit your requirements.

Other Features

- 10Base-T/100Base-TX interface
- Pan/tilt/zoom control (RS-422/485, RS-232C)
- Exclusive software provided

System Examples



Specifications

Video input		Composite video x 1 (BNC, 75 ohm, 1 Vp-p) NTSC/PAL auto detection
Video output		Composite video x 1 (BNC, 75 ohm, 1 Vp-p, auto termination)
Interface		10Base-T/100Base-TX
Alarm I/O		Input x 2, Output x 1
Protocol		IP, UDP, TCP, ICMP, ARP, RAPP, FTP (Client)
Picture	Resolution (Pixels)	160 x 120, 320 x 240, 640 x 480
	Compression	JPEG
Frame rate (fps)*	160 x 120	30
	320 x 240	15
	640 x 480	7
Serial connectors		RS-422/485, RS-232C D-sub 9-pin 2 ports
Internal memory		2MB SDRAM for pre/post alarm recording
External memory		Compact Flash slot x 1 (up to 512 MB)
Motion detection		Up to 300 areas, sensitivity adjustable
View through		JVC Control Software
Power requirement		DC 12 V or AC 24 V, 700 mA
Dimensions (W x H x D)		40 mm x 185 mm x 190 mm (1.6" x 7.3" x 7.5")
Weight		1100 g (38.8 oz)

*Frame rate varies depending on the operating environment.

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