

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



<http://www.jvc-victor.co.jp/english/pro/vnetworks/index-e.html>

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 local intranets or the Internet. In addition to high-resolution images and live video accessible from any computer on your network, 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
- Multi-Casting Capability
- Pre/Post Alarm Recording
- Motion Detection Function
- Firmware Update Via Network

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 CCTV surveillance system into a flexible computer-controlled remote monitoring system, it also allows you to use analog cameras and V.NETWORKS digital cameras in the same system.

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



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.

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. This can be expanded up to 512MB when you use a removable Compact Flash memory card.

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.

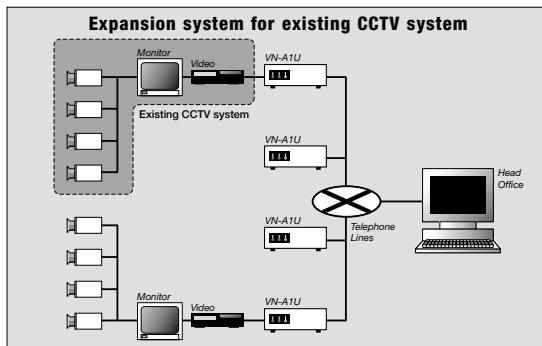
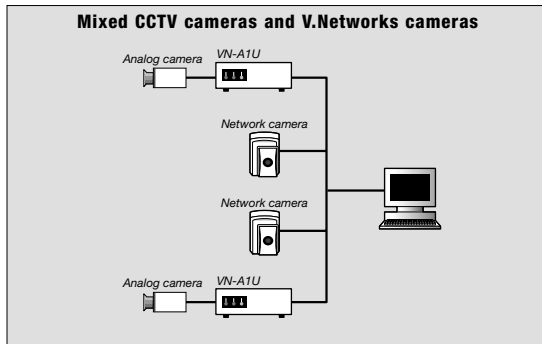
Firmware Update Via Network

Keeping your hardware up to date is easy via firmware updates on our website.

Other Features

- 10Base-T/100Base-TX interface
- Pan/tilt/zoom control (RS-422/485, RS-232C)
- 1-U rack mounting
- 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)
Network interface	Ethernet (IEEE 802.3u compliant), RJ-45 (Category 5), 10Base-T/100Base-TX (auto negotiation)
Compression format	JPEG
Frame rate	120 x 160: 30 fps 240 x 320: 15 fps 480 x 640: 7 fps
Alarm I/O	Input x 2, Output x 1
Port	2-port switching: RS-422/485 control RS-232C control / RS-422/485 through-input (D-sub 9-pin)
Protocol	IP, UDP, TCP, IGMP, ICMP, http, ARP, RAPP, FTP (client)
Internal memory	8 MB SDRAM (2 MB user space)
External memory	Compact Flash slot x 1 (up to 512 MB)
Motion detection	Luminance detection (up to 4800 areas, sensitivity adjustable)
LED indication	Status, Network, Remote
Power requirement	DC 12 V, AC 24 V, 700 mA
Dimensions (W x H x D)	40 mm x 185 mm x 190 mm
Weight	NA

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