

JVC

The Perfect Experience / —


V.NETWORKS
Visual Network System

VN-C30U • Visual Network System

Network Camera System With High Resolution And Versatile Online Image Distribution Capabilities

The latest addition to JVC's V.NETWORKS series, the VN-C30U brings a new standard of quality and versatility to network-based imaging. In addition to high-quality images with its **powerful CCD**, the VN-C30U features a **built-in Web server** that allows you to connect it directly to the Internet without a computer, as well as **Multicast support** to deliver the high-quality images to all computers on your network simultaneously. **NAT/IP Masquerade** support enables sharing of a single IP address by multiple VN-C30Us. All of these features make it very easy to set up remote surveillance systems with web-based access and control. **MPEG1** compression ensures smooth, real-time image delivery, while a **built-in 10Base-T/100Base-TX interface** gives you the high-speed network connection you need for reliable data transfer and operation.

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

■ **For live camera demonstration:** <http://pro.jvc.com/pro/vnet/site/live/index.html>

Major Features
• Built-In Web Server

The VN-C30U's compact all-in-one design includes a camera unit with pan/tilt and zoom capability, JPEG image compression, network interface and Web server. Images can be served directly to the Internet without a computer.

Upgraded!

• Multi-Casting Capability

Allows the built-in web 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-C30U is accessed by multiple clients and network traffic management is easy and efficient.

• Support NAT/IP Masquerade

You can develop and expand your system without worrying about additional IP addresses. When connected to a router compatible with the NAT/IP Masquerade function, multiple VN-C30Us can share single global IP address, allowing easy control via the Internet.

• Web Page Serving

FTP server capability enables users to upload a specially designed web page inside the camera with a JAVA Applet Controller that provides features such as Pan/Tilt/Zoom buttons and camera preset buttons. On/Off control of page access enhances security.

• MPEG1 Smooth Motion Pictures

To improve delivery of motion images, the VN-C30U adds MPEG1 image compression to the conventional JPEG standard. With MPEG1, motion images can be efficiently compressed for network transfer, while maintaining a frame rate of 30fps for minimal loss of movement.

Upgraded!

• DHCP Support

DHCP protocol is now supported for more flexible connection to your network.

- **1/4" 380,000-Pixel CCD** • **Powerful 15x Optical Zoom**
- **10Base-T/100Base-TX Interface For Direct Ethernet Connection**

Other Features

■ Versatile Monitoring and Camera Control Capability

Since the VN-C30U comes with a built-in Web server and viewer/controller software, you can choose the monitoring and control system that works best for you. If you need a platform-independent system that can be accessed from any computer anywhere, you can use a **standard Web browser*** to view images and operate cameras over the Internet or on a local network. Alternatively, you can build a more exclusive system for use on your local network with the included **viewer/controller software**. Either way, you'll be able to remotely operate a **variety of camera functions and settings** such as network and picture quality setting, as well as pan/tilt and zoom control. With the viewer/controller software, you can also control **recording and playback**.

**For compatible browsers, please refer to the specifications below.*



Web browser



Viewer/Controller Software

■ Built-in Multi-Angle Pan/Tilt Capability

The high-speed pan/tilt function gives you control over horizontal, vertical and diagonal camera movement. Up to 10 presets are available for quick access to the desired monitor location. You can also set the default preset location to which the VN-C30U will always return every time it is rebooted.

■ Alarm In/Out Function

The VN-C30U can be set to work in conjunction with an infrared sensor or door alarm, automatically moving to a preset position when an alarm signal is received.* Automatic alarm recording is also possible.

**Pre-setting of desired camera angles or zoom ratios is necessary.*

V.NETWORKS Lineup:

VN-C10U Network Camera

- Fixed lens • Web server

VN-A1U Network Encoder

- Direct connection with analog camera to digital network

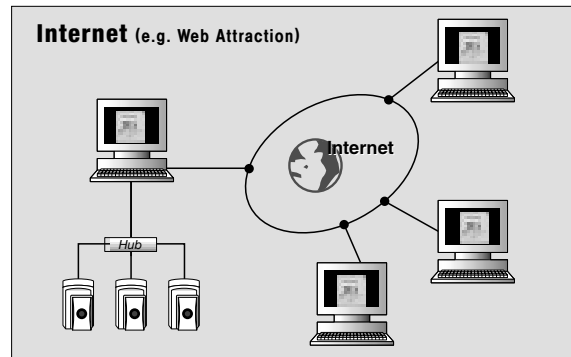
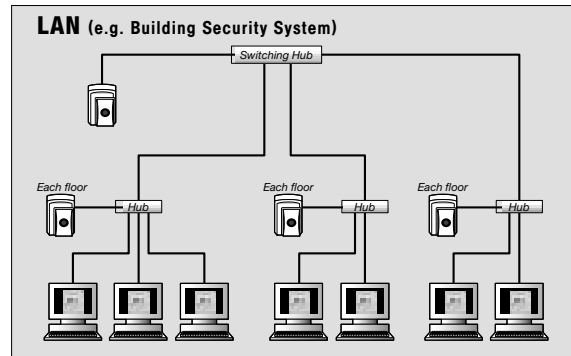
Accessories:

- VN-BK30 Ceiling bracket for VN-C30U
- VN-BK31 Wall bracket for VN-C30U
- VN-B10/B11 Rack mount adapter for VN-A1U

Specifications

Camera Lens	Image Sensor	1/4" CCD, 380,000 pixels
	Zoom	Optical 15x
	Focal Length (f)	4.1mm — 61.5mm
	Aperture Ratio (F)	F1.4
	Focus	Auto/Manual
	Min. Object Distance	0.8m
	Min. Illumination	2.5 Lux
Interface		10Base-T/100Base-TX
Alarm I/O		Input x2, Output x1
Protocol		UDP/IP, TCP/IP, HTTP, FTP, DHCP
Picture	Resolution (Pixels)	160 x 120, 320 x 240, 640 x 480
	Compression	MPEG1, JPEG
Frame Rate (fps)*	160 x 120	MPEG1: 30, JPEG: 15
	320 x 240	MPEG1: 30, JPEG: 10
	640 x 480	MPEG1: —, JPEG: 3

System Examples



Optional

Get the most out of your camera

Multi-Viewer Software

■ VN-S400U



- Up to 256-unit multi-camera display with sequential switching
- Versatile recording and playback functions including timer recording
- Easy point-and-click operation

Position Memory	10 positions	
Pan/Tilt Angle	Pan	+160° — -160°
	Tilt	0° — -90°
Pan/Tilt Speed	100°/s	
View Through	JVC Control Software/ Web Browser**	
Multi-Casting	YES (JPEG only)	
Power Requirement	DC12V 2.0A (Max.)	
Dimensions (H x W x D)	166mm x 105mm x 105mm (6-1/2" x 4-1/8" x 4-1/8")	
Weight	800g (28.2 oz.)	

**Frame rate varies depending on the operating environment.*

***Web browser compatible with both Java-script and frame display. Netscape 4.0 or later, or Internet Explorer 4.0 or later is required. Depending on which version of Java VM (virtual machine) is installed, it may not be possible to view moving images even with Internet Explorer version 4.0 or later*

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

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