



## VN-C10U Visual Network System



### **New Network Camera System with Built-In Web Server Offers Versatile Monitoring Flexibility and Powerful Security Features for Reliable Remote Surveillance**

#### **Major Features**

- Versatile Monitoring and Camera Control Capability
- Switchable MPEG4/JPEG
- Multi-Casting Capability
- Pre/Post Alarm Recording
- Motion Detection Function

# Powerful Security Functions and Versatile Network Capabilities



## Features

### ■ Versatile Monitoring and Camera Control Capability

Since the VN-C10U 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 intranet. 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. 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

Fully compatible with conventional V.NETWORKS cameras including the VN-C1U, C2U, C3U, C30U\* and VN-A1U. So even if you have a mixed system that includes other V.NETWORKS models, you'll enjoy seamless access and control over all cameras. The latest updates can be downloaded from JVC's website.

\*JPEG mode only.



Viewer/Controller Software

### ■ Other Features

- 10Base-T/100Base-TX interface
- FTP client function
- Support NAT/IP masquerade
- User web page serving
- Selectable power source – AC 24V or DC 12V

### ■ Switchable MPEG4/JPEG

In addition to JPEG still images, the VN-C10U features MPEG4, today's most advanced motion picture compression technology. Thanks to MPEG4's superior compression efficiency, high-quality motion images can now be delivered at lower bit rates than ever, so you can easily transfer moving pictures over low-speed networks. Bit rates are selectable from 64Kbps to 2Mbps and image type can be switched as required. This allows you to select the image type and bit rate that are optimal for your network environment or the quality of your communication line.

### ■ Multi-Casting Capability

With the VN-C10U, camera monitoring is never restricted to a dedicated system or monitor. 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-C10U 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 an 8MB memory is available for pre/post alarm image storage.

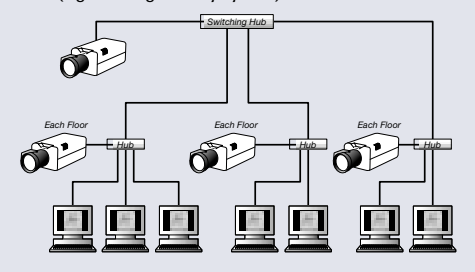
### ■ Motion Detection Function

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.

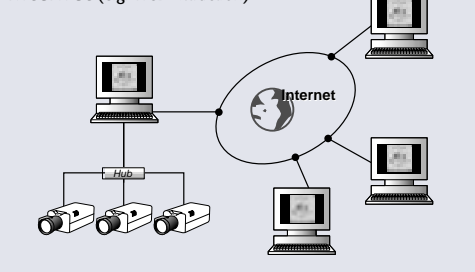


## System Examples

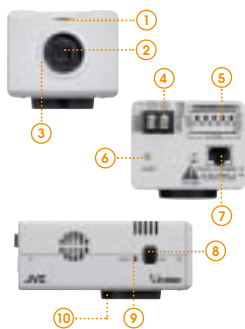
### LAN (e.g. Building Security System)



### Internet (e.g. Web Attraction)



- 1 Back Focus Adjustment Ring
- 2 1/3" 380K pixels CCD
- 3 C/CS Mount
- 4 Power Terminal (AC24V/DC12V)
- 5 Alarm In/Out
- 6 Power Indicator
- 7 10Base-T/100Base-TX
- 8 DC Iris Connector
- 9 Reset Button
- 10 Tripod Base



### ● V.NETWORKS Lineup:

#### VN-C30U Network Camera

- Optical 15x Zoom
- Pan/Tilt
- Web Server



#### VN-A1U Network Encoder

- Direct connection with analog camera to digital network



## ● Specifications

<b>Image Sensor</b>	1/3" CCD 380,000 pixel
<b>Video S/N Ratio</b>	46dB
<b>Lens</b>	Optional C/CS Mount Lens
<b>Iris</b>	DC Iris
<b>Focus</b>	Manual
<b>White Balance</b>	Auto/Manual
<b>Minimum Illumination</b>	1.5 Lux
<b>Interface</b>	RJ-45 (Cat5) 10Base-T/100Base-TX
<b>Alarm I/O</b>	Input x2, Output x1
<b>Protocol</b>	UDP/IP, TCP/IP, HTTP, FTP, DHCP
	IGMP, ARP, RTP, RTSP
<b>Picture</b>	<b>Resolution (Pixel)</b> 160 x 120, 320 x 240, 640 x 480
	<b>Compression</b> JPEG/MPEG4
<b>Frame Rate (fps)*</b>	<b>160 x 120</b> JPEG: 30**, MPEG4: 30
	<b>320 x 240</b> JPEG: 30**, MPEG4: 24
	<b>640 x 480</b> JPEG: 8**, MPEG4: -
<b>Storage RAM</b>	16MB (8MB for pre/post alarm recording)
<b>Password Protection</b>	3-level passwords
<b>Motion Detection</b>	Yes
<b>Multi-Casting</b>	Yes (JPEG only)
<b>Web Server</b>	Yes
<b>View Through</b>	JVC Control Software/Web Browser†
<b>Power Requirement</b>	DC12V or AC 24V, 1.2A (Max.)
<b>Dimensions (H x W x D)</b>	64.5mm x 71mm x 146mm (2-5/9" x 2-4/5" x 5-3/4")
<b>Weight</b>	Approx. 560g (19.8oz.)

\*Frame rate varies depending on the operating environment.

\*\*In the Multi-Casting mode. Frame rate may be reduced while in the Uni-Casting mode.

†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.

# JVC PROFESSIONAL

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