JVC PROFESSIONAL

V.NETWORKS
Visual Network System

VN-C11U Visual Network System

Shown with an optional lens

Versatile Image Delivery Capabilities And Comprehensive Security Functions Make This Network Camera System Ideal For Any Remote Video Surveillance Application

Major Features

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

Powerful Security Functions and Versatile Network Capabilities

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Features

Versatile Monitoring and Camera Control Capability

Since the VN-C11U comes with a built-in Web server and viewer/controller software, you can set up a system that can be accessed from any computer anywhere using a standard Web browser* or 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.

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

Switchable MPEG4/JPEG

In addition to JPEG still images, the VN-C11U 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-C11U, 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-C11U 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.
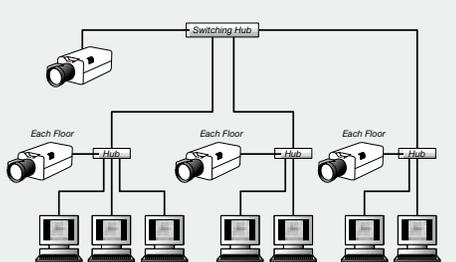
Monitor Out

With a built-in BNC connector for easy installation such as adjusting focus, iris and field of view.
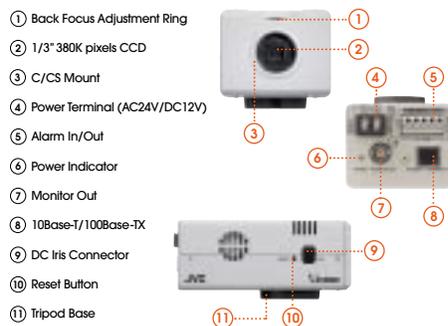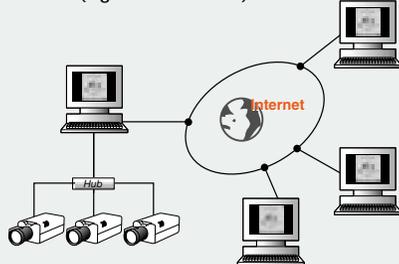
Other Features

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

System Examples

LAN (e.g. Building Security System)

Switching Hub

Each Floor — Hub

Each Floor — Hub

Each Floor — Hub

Internet (e.g. Web Attraction)

Internet

Hub

- 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 Monitor Out
- ⑧ 10Base-T/100Base-TX
- ⑨ DC Iris Connector
- ⑩ Reset Button
- ⑪ 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

VN-S400U Multi-Viewer Software
- Multi-camera display (up to 16 windows) with sequential switching

Specifications

Image Sensor		1/3" CCD 380,000 pixel
Video S/N Ratio		50dB
Lens		Optional C/CS Mount Lens
Iris		DC Iris
Focus		Manual
White Balance		Auto/Manual
Minimum Illumination		1.0 Lux
Interface		RJ-45 (Cat5) 10Base-T/100Base-TX
Alarm I/O		Input x2, Output x1
Protocol		UDP/IP, TCP/IP, HTTP, FTP, DHCP IGMP, ARP, RTP, RTSP
Picture	Resolution (Pixel)	160 x 120, 320 x 240, 640 x 480
	Compression	JPEG/MPEG4
Frame Rate (fps)*	160 x 120	JPEG: 30**, MPEG4: 30
	320 x 240	JPEG: 30**, MPEG4: 24
	640 x 480	JPEG: 8**, MPEG4: –
Storage RAM		16MB (8MB for pre/post alarm recording)
Password Protection		3-level passwords
Motion Detection		Yes
Multi-Casting		Yes (JPEG only)
Web Server		Yes
Monitor Out		Yes (BNC connector, NTSC)
View Through		JVC Control Software/Web Browser†
Power Requirement		DC12V or AC 24V, 1.2A (Max.)
Dimensions (H x W x D)		64.5mm x 71mm x 146mm (2-5/9" x 2-4/5" x 5-3/4")
Weight		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 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.

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E.&O.E. Design, dimensions and specifications are subject to change without notice.