Internet Camera System

DC 5V ◇─◉─◇ 10 BASE-T

Fast multi-angle Pan/Tilt Built-in (VN-C2u only)
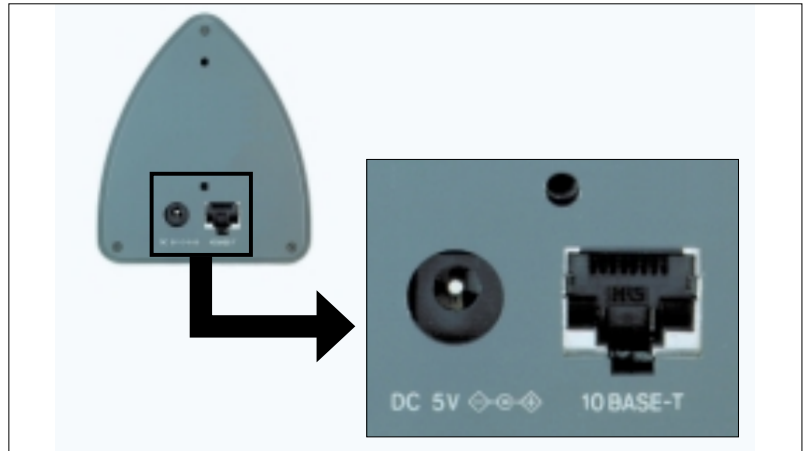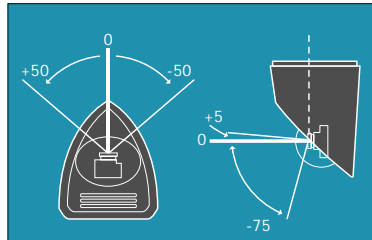
FEATURES

- View images and control cameras over the Internet using a standard web browser. The built-in web server of the VN-C2WU allows you to distribute images captured by the camera directly to the Internet without a computer. The VN-C2WU provides convenient access to visual information via web browsers, and the integrated fast Pan/Tilt function also can be controlled from the viewer's browser. You can also easily link to a diversity of "live" visual content on a homepage. From real-time viewing of road traffic conditions to a visual update on the state of cherry blossoms in tourist areas, the possibilities of using this new system for "live" visual information services are limitless.
- V.NETWORKS can be controlled remotely and easily from the next room via an Ethernet network, or across the country via the telephone line, using your PC.
- Direct Network Connectivity
  Just connect V.NETWORKS to the existing Ethernet using a 10Base-T connection, and viewing digital images on the network is very easy, quick and cost-effective.
- Multi-angle Pan/Tilt Built-in
  Small and fast Pan/Tilt function (160 degrees/sec) also features multi angle direction action allowing discreet placement in tight spaces while retaining mobility and wide field of view.
- Easy Remote Monitoring
  Using phone lines, ISDN or exclusive lines and Internet, V.NETWORKS is an ideal solution for remote monitoring and viewing.
- Full Digital Signal Processing
  The latest CMOS Image sensor digital output goes directly to the JPEG hardware compression and translates into network packet signals with the IEEE 802.3, world standard making it possible to capture, monitor and distribute full digital images anywhere on the network, and easily manipulate them using existing image processing software in the market.

ARCHITECTS' AND ENGINEERS' BID SPECIFICATION

The network camera shall be JVC Model VN-C2WU or equivalent. The VN-C2WU camera shall incorporate the latest 300,000 pixel 1/3" CMOS image sensor for outputting in digital directly to the JPEG hardware compression and translating into network packet signal with the IEEE 802.3 standard. The VN-C2WU cameras shall feature the 10Base-T network direct connection of V.NETWORKS for a quick, easy and cost-effective solution. The cameras also have a built-in multi-angle Pan/Tilt function (160 degrees/sec.) with standard web browser for surveillance. The power source for the VN-C2WU shall be 5V DC. All units must be UL listed.

System

*Web browser compatible with both Java-script and frame display (Netscape 3.0 or higher, or Internet Explorer 4.0 or higher is required.)

- Camera, JPEG compression board and Web server are all integrated in the compact body of NV-C2WU.
- Multi-angle Pan/Tilt function
- 3 different user levels determined by authentication of an ID/Password assigned to individual users: (1) only image browsing (2) plus operation of pan/tilt control functions (3) plus adjustment of camera picture quality.

Specifications

Camera	Image Sensor	1/3" CMOS
		300,000 pixels
Pan/Tilt	Angle	Pan: +50°~-50° Tilt: +5°~-75°
	Speed	Pan: 160°/s Tilt: 160°/s
Lens	Focal Length (f)	7 mm
	Aperture Ratio (F)	F2
	Focus	Manual
	Min. Object Distance	1.0m (3.3') ~ ∞
Interface		10Base-T (Ethernet) IEEE802.3
Protocol		TCP/IP, HTTP
Picture	Resolution (Pixels)	160 x 120, 320 x 240, 640 x 480
	Compression	JPEG
Frame Rate (fps)*	160x120	15
	320x240	10
	640X480	5
View through		Web Browser*
Position Memory		10 positions
Power Requirements		DC5V 1.4A (MAX)
Dimensions (H x W x D)		4-3/4" x 3-1/4" x 3-7/8"
		(122 x 82 x 97mm)
Weight		9.25 oz. (260g)

*Depends on operational environment. Web browser compatible with both java-script and frame display (Netscape 3.0 or higher, or Internet Exploer 4.0 or higher is required.)
*Frame rate varies depending on the operating environment.