JVC
The Perfect Experience

30 VGA fps

V.NETWORKS Visual Network System

Compact Camera for Network-based 24/7 Surveillance and Automatic CF Card Recording

- 1/4" Hi-Resolution Interline Transfer CCD with 380,000 Effective Pixels
- Compact Flash (CF) Card Slot* — Interlock with Alarm Function for Automatic Recording to Type II CF Card
- Slim Design — Only 120mm Diameter
- 12x Optical Zoom Lens
- Up to 30fps Motion-JPEG in VGA Mode (640x480)
- Super Lolux™ Sensitivity: 1.8 lx in Color Mode, 0.15 lx in B&W Mode
- Day/Night Operation with Mechanical IR Cut Filter ON/OFF (Auto, Alarm, Timer selectable)
- 360-Degree Endless Rotation

- Auto Patrol, Auto Pan, Auto Tour
- 100 Preset Positions
- Power Supply: DC12V (DC12V to AC24V adapter included)
- Auto Focus
- Privacy Masking
- Motion Detection
- Distribution Control Setting
- 3-level Password Protection: User/Operator/ Administrator
- Internet Connectivity: Web Server, FTP Server/Client

* May not be compatible with some CF cards.

Feature Packed, Network-Based Compact Dome, with 12x Optical Zoom, and Removable IR Cut Filter

The JVC VN-C625U Network Dome Camera is a full-function surveillance camera with built-in CompactFlash (CF) card slot.

Compact Design with Type II CF Card Slot

The VN-C625U is only 120mm in diameter, making it slim and inconspicuous. Additionally, it features a CF card slot that works in conjunction with the alarm function to allow automatic recording onto a CF card when the alarm triggers.

1/4" IT High-Sensitivity CCD

The high-resolution 1/4" interline transfer CCD with IR cut filter captures scenes in realistic color, while the 12x optical zoom provides clear details.

Super LoLux™ Sensitivity & Nighttime Shooting

Even with light levels of 1.8 lx, the VN-C625U can shoot high-quality pictures thanks to Super LoLux™ technology. And at night the mechanical IR cut filter can be automatically retracted for infrared imaging (monochrome), making the camera sensitive enough to shoot in just 0.15 lx of ambient light.

Versatile Camera Control

Highly sophisticated control of camera movements is enabled with such features as 360-degree endless panning and Auto Flip (ensuring no blind spots), variable pan/tilt speeds, Auto Pan and Auto Patrol with 100 preset positions, Privacy Masking (to protect selected areas from intrusive monitoring), and Auto Tour (to replay manual camera operations).

30fps Motion-JPEG (VGA)

The high-quality images are output as Motion-JPEG format with a resolution of up to 640x480 pixels and a maximum frame rate of 30fps. Any computer on the network can be used to monitor and store this video stream.

Distribution Control Setting

The bit rate (32kbps to 8Mbps) can be set by turning the Distribution Control setting on. This allows the camera to maintain the preset frame rate (max. 30fps*) and file size by automatically changing the compression level according to the bit rate.

* Max. 30fps may not be obtained depending on the file size.

• Specifications

CAMERA

Image device	1/4" interline transfer CCD
Effective pixels	380,000 pixels, 768 (H) x 494 (V)
Scanning frequencies	Horizontal 15.734 kHz, Vertical 59.94 Hz
Sensitivity	
In Color	3.6 lx (F1.6, AGC 20dB, 50% video, wide end)
	1.8 lx (F1.6, AGC 20dB, 25% video, wide end)
In B&W	0.15 lx (F1.6, AGC 20dB, 50% video, wide end)
White balance	TTL Auto Tracking/Manual
Electronic shutter	1/60, 1/100,1/250,1/500,1/1000, 1/2000,1/4000,1/10000 sec.
Backlight compensation	4 photometry areas selectable

LENS

Zoom ratio	Approx. 12x optical
Zoom range	3.8 mm to 45.6 mm
Maximum aperture	F1.6 to F2.7
Auto focus	Easy AF/One Push AF

MOVING MECHANISM

Preset positions	100
Panning range	360° endless rotation
Panning speed	1.5°/sec. to 180°/sec.
Tilting range	0° to 90°
Tilting speed	1°/sec. to 120°/sec.

NETWORK

Network interface	10BASE-T/100BASE-TX
Communication protocol	TCP/IP, UDP/IP, HTTP, FTP, ICMP, ARP, DHCP, NTP
Image compression	JPEG (7 levels)
Picture resolution (pixels)	640 x 480, 320 x 240
Frame rate	Max. 30fps
Internal storage capacity	8MB (RAM)
Data transmission	Multicast/Unicast
Access protection	Password (3 levels)
Viewing	JVC controller software (Included)

GENERAL

Outer dome cover	Clear
CF card slot	Type II (for alarm recording)
Alarms	Input x 2, Output x 2
Power supply	DC12V (DC12V to AC24V adapter included)
Power consumption	2 A (max.)
Operating temperature	+32°F to +104°F (0°C to +40°C)
Dimensions	ø4-23/32" x 8-29/32" (120 mm diameter x 190 mm height)
Weight	Approx. 2.65 lbs. (1.2kg)

SYSTEM REQUIREMENTS for JVC CONTROL SOFTWARE

Operating system	Windows® 2000 Pro (SP1 or later)/ Server (SP1 or later)
	Windows® XP Pro/Home edition
CPU	Pentium® III 500MHz or higher (3.2GHz or higher recommended)
Memory	128MB or more (1GB or more recommended)
Hard disk space	20MB or more
Display/video card	1024 x 768 pixels or more, True Color (24-bit or 32-bit),
	(128MB or more VRAM recommended)

Regulatory standard: UL60950; FCC Part 15, Class A; ICES-003, Class A

• Options

- Pendant Mount
- Ceiling Bracket
- Wall Mount
- Outdoor Housing

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