

# JVC®

The Perfect Experience

## Super LoLux Network Mini-Dome

**VN-V225 Series** FIXED NETWORK DOME CAMERA

**VN-X235 Series** FIXED MEGAPIXEL NETWORK DOME CAMERA



**NETWORKS**

— High quality surveillance system with JVC's renowned digital processing technology which creates pure picture quality without digital dropouts over Ethernet

**MEGA  
PIXEL**

VN-X235 Series

**Fine Focus  
ADJUSTMENT**

**progressive  
Scan**

**IR Cut Filter  
Day/Night**

**PoE  
Power over Ethernet**

**DUAL  
STREAM**

**Bi-Directional  
Audio**

**Vandal  
PROTECTED**

### 1.3 Megapixel High-Quality JPEG Stream

VN-X235 Series

Up to Quad VGA (1280x960) resolution images available for precise monitoring

### MPEG-4/Motion JPEG Dual Stream

Simultaneous distribution of MPEG-4 and Motion JPEG images

### Variable-Focal Lens for Accurate Viewing Angles, and Progressive Scan CCD for Precise Clear Images

### Day/Night Function with IR Cut Filter

Automatic switching between day and night for secured round-the-clock surveillance

### Bi-Directional Audio Support

Two-way audio communication is possible when a microphone and speaker are attached

### Dust/Waterproof and Vandal-Protected Design

IP66-standard robust design suitable for outdoor monitoring system

### Fine Focus Adjustment [Patent Pending]

Newly developed mechanism for finer and more accurate focus adjustment

### Triple Axis Rotation for Flexible Lens Angle Adjustment

### Open Architecture API for Easy Customization

Various settings and customization are possible via network

### An Array of Features to Match Any Usage Environment

- Free shape privacy mask
- Built-in motion detection
- PoE / 24VAC power supply
- Bandwidth flexibility
- Optional heater unit for use in low temperatures down to -30°C
- JVC and Verint API compatibility
- Web based viewer and setup screen for quick setup and monitoring

# Clear, Sharp Pictures in Any Situation

JVC's Network Mini-Dome Series cameras are an ideal solution where high quality surveillance is required. High-resolution images with low light sensitivity and a host of intelligent monitoring functions help you configure a reliable and more advanced security system.

## Megapixel Image Quality with Over 700 TV Lines

(VN-X235 Series)

Up to Quad VGA (1280x960) resolution images (VN-X235 Series) and jaggy-free clear images delivered from a Progressive Scan CCD enable detailed and precise monitoring with high-quality pictures.



## Under 1 Lux Super LoLux Sensitivity

The Mini-Dome Series incorporates a high-sensitivity CCD to deliver high quality color images even in low light situations. And with the True Day/Night Function, IR cut filter automatically switches between ON and OFF according to the ambient light or alarm trigger. Reliable round-the-clock surveillance is assured.



### Color Mode

High-sensitivity CCD ensures color monitoring at:  
0.4 lx (VN-V225, 50% AGC SUPER)  
0.8 lx (VN-X235, 50% AGC SUPER)



### Black & White

B&W mode ensures very low-light monitoring at:  
0.03 lx (VN-V225, 50% AGC SUPER)  
0.08 lx (VN-X235, 50% AGC SUPER)

## Easy Wide-D Function

This function is equivalent to the conventional Wide Dynamic Range function, allowing pictures to be adjusted to identify details of the subject by adjusting gamma curve even in difficult backlit conditions.



Normal picture



Adjusted with Easy Wide-D

## Digital PTZ with Preset Patrol (VN-X235 Series)



Original angle (Home)

Select up to 20 clipped areas from within the original image. These areas can be sequentially switched with "Auto Patrol", so the viewer concentrates only on the important zones.



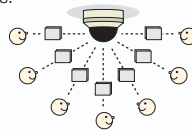
## Powerful Distribution Performance

### MPEG-4/Motion JPEG Dual Stream

The Mini-Dome Series can stream both MPEG-4 and Motion JPEG images simultaneously. Up to 15fps distribution of Megapixel-size M-JPEG and VGA MPEG-4 is possible with VN-X235 Series while up to 30fps distribution of VGA images for VN-V225 Series is available.

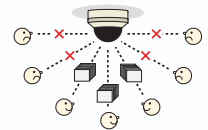
### Distribution Priority Option for JPEG Stream

Two distribution modes are available according to your environment. By controlling the frame rate and the number of accessible clients, it ensures stable monitoring all the time.



### Priority to Client Number

Automatically adjusts the frame rate according to the number of clients accessed and assures distribution to all clients (up to 20).



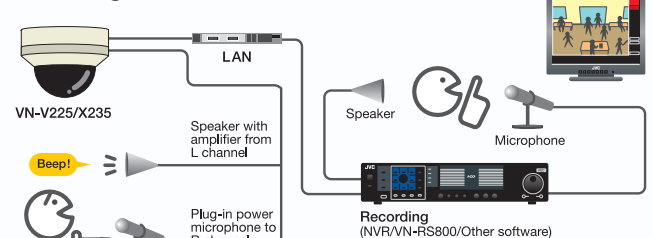
### Priority to Frame Rate

Always maintains requested frame rate by clients though number of clients is limited by requested frame rate.

## Bi-Directional Audio Communication

With a Mic In/Line Out connection, bi-directional audio communication is possible. In addition to viewing the camera spot, you can listen in on the area from a monitoring room. When an external speaker is attached, you can speak to or emit an alarm sound for visitors.

### Monitoring with Bi-Directional Audio



Compatible JVC recorders:  
• VR-N1600U/E Series Network Video Recorder  
• VN-RS800U (Free software for surveillance with up to 32 cameras)

# Easy, Reliable Monitoring in Any Location

Designed for easy installation and use in various environments, the Mini-Dome Series assures versatile monitoring whether it is used indoors or outdoors. JVC's unique technologies to obtain precise image adjustment support maximum reliability.



## Fine Focus Adjustment Technology

For assisting focusing to the finest point, the Variable-Focal lens now incorporates a newly developed focus gear mechanism (Patent Pending).

Patent Pending

### New "Fine Adjust" mechanism

With a very subtle movement, finer, more accurate adjustment is possible.



Normal Focus ring and lock screw

## Triple Axis Rotation

Triple axis rotation mechanism of the lens direction helps you to fix the angle accurately and easily. Pan, tilt, and rotation angles can be adjusted freely and independently.



## Flush Mountable Easy Installation (VN-V225U/X235U)

Indoor type Mini-Dome Series is designed to be flush mountable so you can easily recess into the ceiling without using optional brackets.

Note: In the U.S., there are regulations regarding methods of flush mount installation. Please consult your regional sales branch for details.



Make a hole of  $\phi 120\text{mm}$  and insert the camera's inner body into it.



When three metal levers are turned clockwise, springs work automatically to fix the unit firmly into the ceiling.



Attach the dome cover, and that's all.

## JVC-Quality Vandal Protection

**Robust Dome Cover:** Using polycarbonate, a material offering superior intensity, heat-resistance and transparency, this dome cover remains damage-free against strong shocks. Severe durability tests have been conducted for each model; strong burden of over 50J\* for VN-V225VPU/X235VPU Vandal-Proof model and over 15J\* for VN-V225U/X235U Vandal-Resistant model.

\* "J" stands for "Joule" which is the energy exerted by a force of one Newton acting to move an object through a distance of one meter.

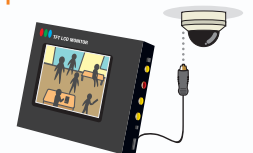
**Robust Body:** Using die-cast aluminum for main unit, it assures complete vandal proofing. (VN-V225VPU/X235VPU)

**IP66 Compliant:** Designed to protect from water and dust, it's suitable for outdoor installation. (VN-V225VPU/X235VPU)



## Monitor Output for Quick Angle Adjustment

A convenient Monitor Output is equipped. With an external monitor unit connected, you can easily check the camera angle on the spot during installation.



## Series Comparison



	1.3 Megapixel	True Day/Night	Digital PTZ	Fine Focus Adjustment	Easy Flush Mount	PoE	Vandal Protection	Dust/Water Protection
VN-V225U		●		●	●	●	●	
VN-V225VPU		●		●		●	●	●
VN-V235U	●	●	●	●	●	●	●	
VN-V235VPU	●	●	●	●		●	●	●

