The Perfect Experience

Super LoLux Network Mini-Dome

VN-V225 Series Fixed NETWORK DOME CAMERA VN-X235 Series Fixed MEGAPIXEL NETWORK DOME CAMERA





CINETWORKS — High quality surveillance system with

JVC





1.3 Megapixel High-Quality JPEG Stream

MPEG-4/Motion JPEG Dual Stream

Day/Night Function with IR Cut Filter

round-the-clock surveillance

speaker are attached

Bi-Directional Audio Support









IP66-standard robust design suitable for outdoor monitoring system

Newly developed mechanism for finer and more accurate focus adjustment





VN-X235 Series

monitoring





















Fine Focus Adjustment [Patent Pending]

- Dust/Waterproof and Vandal-Protected Design
- Open Architecture API for Easy Customization Various settings and customization are possible via network
- An Array of Features to Match Any Usage Environment

Triple Axis Rotation for Flexible Lens Angle Adjustment

- Free shape privacy mask
- Built-in motion detection Bandwidth flexibility
- PoE / 24VAC power supply 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



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

Simultaneous distribution of MPEG-4 and Motion JPEG images

and Progressive Scan CCD for Precise Clear Images

Two-way audio communication is possible when a microphone and

Variable-Focal Lens for Accurate Viewing Angles,

Automatic switching between day and night for secured





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 1Lux 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)



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

the frame rate and the number of accessible clients, it ensures stable monitoring all the time.

images for VN-V225 Series is available.



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).

Powerful Distribution Performance

Distribution Priority Option for JPEG 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

Two distribution modes are available according to your environment. By controlling

MPEG-4/Motion JPEG Dual Stream

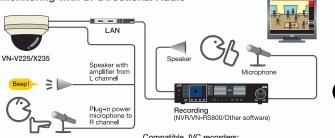
Priority to Frame Rate Always maintains requested frame rate by clients though number of clients is limited by

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).



New "Fine Adjust" mechanism With a very subtle movement, finer, more accurate adjustment is possible.



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.







Attach the dome cover, and that's all.

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



Make a hole of ø120mm and insert the camera's inner body into it.





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	РоЕ	Vandal Protection	Dust/Water Protection
VN-V225U		•		•	•	•	•	
VN-V225VPU		•		•		•	•	•
VN-X235U	•	•	•	•	•	•	•	
VN-X235VPU	•	•	•	•		•	•	•



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 15.1* for VN-V225U/X235U Vandal-Besistant model

JVC

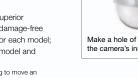
" "J" stands for "Joule" which is the energy exerted by a force of one Newton acting to move an object through a distance of one meter

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)

Dustproof

Waterproof

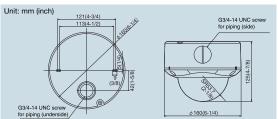


Dimensions

VN-V225U/VN-X235U

Unit: mm (inch)

VN-V225VPU/VN-X235VPU



Optional Accessory KA-ZH215U Heater unit



Specifications

	VN-V225U	VN-V225VPU	VN-X235U	VN-X235VPU				
Image device	"Exview HAD CCD" 1/4" Progressive scan Approx. 330,000 pixels		"Exview HAD CCD" 1/3" Progressive scan Approx. 1,250,000 pixels					
Lens	3.8 x 2.8-10.5 mm varifocal, F1.2		3.0 x 3.0-9.0 mm varifocal, F1.2					
Angle of vision	f=2.8 mm: 73.78° (H) x 54.3° (V) f=10.5 mm: 20.6° (H) x 15.5° (V)		f=3.0 mm: 93.0° (H) x 68.4° (V) f=9.0 mm: 31.7° (H) x 23.8° (V)					
Day/Night	Automatic and Manual switching Day/Nig	nt IR cutoff filter						
	0.4 lx (Color, 50%, AGC SUPER) 0.03 lx (B&W, 50%, AGC SUPER)		0.8 lx (Color, 50%, AGC SUPER) 0.08 lx (B&W, 50%, AGC SUPER)					
Camera angle adjustment	Pan 350°, Tilt ±80°, Rotation ±100°	Pan 350°, Tilt ±70°, Rotation ±175°	Pan 350°, Tilt ±80°, Rotation ±100°	Pan 350°, Tilt ±70°, Rotation ±175°				
	Motion JPEG MPEG-4: Part2 (ISO / IEC 14496-2), Profil	e: SP						
Picture resolutions	640 x 480, 320 x 240		1280 x 960 (JPEG), 640 x 480, 320 x 240					
Frame rate and streaming	Up to 30 fps M-JPEG and MPEG-4 simult	aneously	Up to 15 fps M-JPEG and MPEG-4 simultaneously					
Compression levels	JPEG: Variable (VFS) 7 levels / Average (Al VGA 10 KB — 100 KB, QVGA 3 KB — 33 MPEG-4: Constant (CBR) / Variable (VBR), Bit rate adjustable 64kbps — 8000kbps	ЌВ	JPEG: Variable (VFS) 7 levels / Average (AFS) Quad VGA 40 KB-200 KB, VGA 10 KB – 100 KB, QVGA 3 KB – 33 KB MPEG-4: Constant (CBR) / Variable (VBR), Bit rate adjustable 64kbps – 8000kbps					
Image settings		Shutter speed, BLC, ALC, EV compensation Privacy mask, Time/date/camera ID overlay	, White balance (ATW / AWC), Gamma curve	e, Black level, Enhance range, Color level,				
Digital PTZ	—		20 preset positions, Auto patrol, Auto return, 8x digital zoom					
Shutter speed	2 sec (Sens-up) to 1/10000 sec		1.5 sec (Sens-up) to 1/10000 sec					
	Two-way (full/hallf duplex) or one-way External microphone input (plug-in power condenser mike) and output (line level) Audio compression: μ-law 64 kbps, AD/DA 16 bits Fs=8 kHz							
Security	3 levels password, IP address filtering	3 levels password, IP address filtering						
	20 simultaneous users, Unlimited users by multicast							
	20 simultaneous users, Unlimited users by	multicast						
Max. clients Alarm/Event management	Trigger: Built-in motion detection, External		utput x 2, sound output, preset position (VN	-X235 series only)				
	Trigger: Built-in motion detection, External Event: Pre/post recording , FTP sending, N	alarm input x 2 or Schedule lotification over TCP/UDP, E-mail, External o	utput x 2, sound output, preset position (VN	-X235 series only)				
Alarm/Event management	Trigger: Built-in motion detection, External Event: Pre/post recording , FTP sending, N Pre/Post alarm buffer of 8MB RJ-45 for Ethernet 10 Base-T/100 Base-T Wires for 2 alarm imput and 2 output RCA jack monitor out (for installation) Wires for alternative power connection	alarm input x 2 or Schedule lotification over TCP/UDP, E-mail, External o	utput x 2, sound output, preset position (VN	-X235 series only) Vandal Proof				
Alarm/Event management Connectors	Trigger: Built-in motion detection, External Event: Pre/post recording , FTP sending, N Pre/Post alarm buffer of 8MB RJ-45 for Ethernet 10 Base-T/100 Base-T Wires for 2 alarm imput and 2 output RCA jack monitor out (for installation) Wires for alternative power connection Wires for mike in and line out	alarm input x 2 or Schedule lotification over TCP/UDP, E-mail, External o X/FULL/HALF/Auto negotiation						
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Victor Company of Japan, Ltd. has received ISO14001 Certification for environmental management and ISO9001 Certification for quality assurance management.

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