



The Perfect Experience

1.3 MEGAPIXEL  
FIXED NETWORK DOME CAMERA

# VN-X235U

Release Aug. 2009

## MEGA PIXEL



Recessed mountable



- **1/3" Progressive Scan CCD + Built-in 3.0x variable-focal**
- **Megapixel Motion JPEG and VGA MPEG-4 Dual Stream**  
Megapixel MJPEG and VGA MPEG-4 at 15 fps each simultaneously
- **True Day/Night for night time surveillance**
- **Free Scaling and Digital PTZ**  
Any area of monitoring field can be clipped and resized to lower resolution

- **Focus Assistance Function [Patent pending]**

for quick, easy and precise installation

*Fine Focus Adjust mech.*

- **Bi-Directional Audio Support**

- **Free Shape Privacy Masking** \* Some restrictions apply



- **Compact enclosure dia. 145mm, 5-3/4 inch**

- **Recessed mountable without any optional bracket**

- **PoE / 24 VAC power supply**

- **JVC VR-N900/1600, VN-RS800U supported and**

**great partners about to support – Milestone, Verint, AMX**

## ■ VN-X235U Specifications

Camera and lens	Image device	1/3" Progressive scan CCD
	Lens	3.0x (f=3.0 - 9.0 mm) variable focal length
	View angle	93 deg(H) x 68 deg(V) to 31 deg(H) x 23 deg(V)
	Angle adjustment	Pan:350 deg, Tilt:+/-80 deg, Rotation:+/-100 deg
	Minimum Illumination <B&W mode>	0.8 lx, 50% AGC SUPER <0.08 lx, 50% AGC SUPER>
	Day/Night	True Day/Night
	White Balance	ATW/AWC
	Electronic Shutter	Auto, 1/15 to 1/10,000, Flickerless
	Sens Up	OFF/ x2 to x22
	BLC	OFF / ON (4 patterns)
	Gamma level	Adjustable
	Privacy Masking	Free Shape and unlimited number of masked area * <i>some restriction apply</i>
	Display mode	Custom / LCD1 / LCD2 / CRT
	Digital PTZ	Yes (Any area can be clipped and resized to lower resolution, up to 20 preset positions available)
	Motion Detection	Yes
	Alarm Interface	Input x 2, Output x2
Monitor Output (for setting)	NTSC/PAL selectable. Composite video signal:1.0V(p-p), 75 ohms	
Audio	Two-way (full/half duplex) or one way Wires for Mic. IN / Line OUT μ-law 64kbps, AD/DA 16bits Fs=8kHz	
Network	Network Interface	RJ45(Category 5) 10Base-T/100Base-TX Auto Negotiation
	Network Protocols	TCP/UDP/IP/HTTP/DHCP/SMTP/SNTP/FTP/DSCP/ARP/ICMP/RTP/IGMP/IPv6 JVC API, VSIP, AMX Device Discovery (TBA)
	Compression and Resolution	MJPEG: 1280x960, 640x480, 320x240 VFS 7 levels / AFS max. 200KB MPEG-4: 640x480, 320x240 CBR / VBR bitrate adjustable 64kbps - 8000kbps
	Maximum Frame Rate	JPEG(1280x960) 15fps and MPEG-4(VGA) 15fps simultaneously (Dual stream)
	Data transmission	Unicast / Multicast (IGMP Ver.2)
	Max. client	20 simultaneous users, Unlimited users by multicast
	Pre-Post Recording	Yes (8MByte RAM)
Other function	Mail notice, Web server, FTP client, DHCP client, SNTP client, Access protection by 3 level password	
General	Power	PoE (IEEE802.3af compliant) / 24VAC 50Hz/60Hz
	Operating Temperature	-10 to 50 deg.C / 14 to 122 deg.F
	Dimensions (WxHxD)	Dia.145mm (5-3/4) x H.120mm (4-3/4)
	Mass	800 kg
	Built-in Viewer requirement	PC: Windows Vista Business, Windows XP Pro(SP2)/Home(SP2) Pentium4 2GHz (WinXP) / 1GB RAM / 512M HDD, IE7 for Vista, IE6 for XP Display and video card: 1600 x 1200 True color (24bit or 32bit) VRAM 256MB

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