

# JVC®

The Perfect Experience / —

FIXED IP DOME CAMERA

# VN-C215V4U

12 VDC/PoE

# VN-C215VP4U

12 VDC/PoE

Discrete surveillance camera with 30fps at full resolution (VGA), and triple axis rotation lens for various installation options, IP66 rated with vandal resistance on VN-C215V

30 **VGA**  
fps

Easy Day/Night

PoE  
Power over Ethernet



VN-C215V4U



VN-C215VP4U



\* This is a simulated image

- VGA resolution at 30 fps (max) using high quality MotionJPEG compression
- Built-in x3.6 vari-focal lens (f=2.8 to 10mm)
- Various installation possible with Triple axis rotation mechanism
- Multicast (IGMP ver.2) protocol to allow multiple client connectivity
- Built-in web server for camera set-up and image viewing

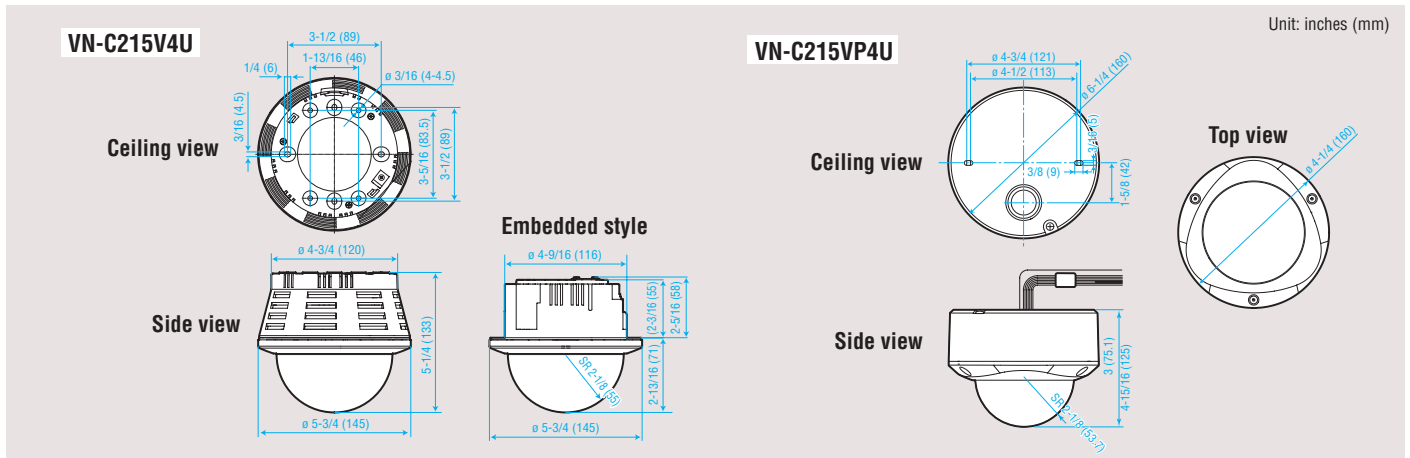
- One CAT5 cable for data transmission and power supply thanks to PoE compliance (Power over Ethernet.IEEE802.3af)
- Easy Day / Night function (Color/B&W switching)
- Vandal resistance (aluminum die-cast chassie/polycarbonate cover) design (VN-C215VP4U)
- Outdoor installation possible using IP66 compliant camera chassis (VN-C215VP4U)
- Optional heater unit (KA-ZH215U) allows VN-C215VP4U camera to meet -30°C operation (24 VAC power supply required)

## Specifications

Item	VN-C215V4U	VN-C215VP4U
Image sensor	1/4 inch 380,000 pixels CCD	
Lens	Fujinon F1.3 varifocal 2.8-10mm DC iris Focus range : 0.3 m to infinity	
Angle of view	73°(H)x54°(V) to 20°(H)x15°(V)	
Camera angle adjustment	Pan 350°, tilt ± 80°(160°) rotation : ±175°(350°)	Pan 350°, tilt ± 70°(140°) rotation : ±175°(350°)
Minimum illumination	Color mode : 0.75 lx (F1.3, AGC ON, 25%) B&W mode : 0.4 lx (F1.3, AGC ON, 25%)	
Monitor output	Built-in NTSC output (RCA connector) for Adjustment 540TV lines horizontal resolution output	
Video compression	Motion JPEG	
Resolution	640 x 480 or 320 x 240 2 selections via configuration Web page	
Frame rate	Up to 30 frames per sec in VGA	
Video streaming	Controllable frame rate and bandwidth Average and variable File size	
Image settings	Compression levels : 91 (Average File Size), 7 (Variable File Size) Rotation : 0°, 180° Configurable AGC level, Day / Night, shutter speed, BLC, white balance Overlay capabilities : time, date, text (camera ID)	
Shutter time	1/60 sec, 1/100 sec	
Security	3 level user access with password protection, IP address filtering,	
Users	5 simultaneous users Unlimited number of users using multicast	
Alarm and event management	<ul style="list-style-type: none"> <li>•Trigger : Built-in motion detection, external alarm inputs, or timer (timer is available for periodic FTP)</li> <li>•Event : Pre/Post FTP, Notification over TCP or UDP, email, external output and periodic FTP</li> <li>•Pre-and post alarm buffer of 8MB (approx. 2min of 320x240 at 3fps/JPEG file size = 8KB)</li> </ul>	
Connectors	Ethernet 10BaseT/100BaseTX, RJ-45 12V DC power cable Wires for alarm 2 inputs and 2 outputs Monitor Output for adjustment (RCA)	Ethernet 10BaseT/100BaseTX, RJ-45 12V DC power cable Wires for alarm 2 inputs and 2 outputs Monitor Output for adjustment (RCA) 24 VAC power supply is required when optional heater KA-ZH215U is installed
Casing	Acryl clear dome glass ABS/PBT/Glass30% resin base Three-way mounting without bracket (flush/surface/wall)	Polycarbonate clear dome glass Aluminum die-cast base body Vandal resistant type (with tamper resistant)
Processors, memory and clock	CPU, video processing and compression: ARM 7 RAM 32MB, Flash 8MB (industrial type) Battery backed up real-time clock	
Power*	12V DC max 0.5A (6W) or Power over Ethernet (IEEE802.3af) with power classification, Class 0 (max 7W)	

\* When using KA-ZH215U heater option together with VN-C215VP4U, a 24 VAC power supply is required. Under this combination, the power consumption will be 24W.

## Dimensions



Design and specifications subject to change without notice.

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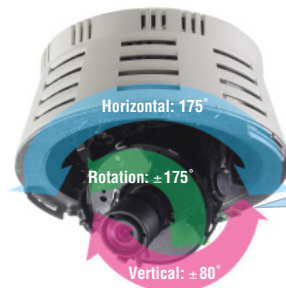
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■ The Hachioji Plant of Victor Company of Japan, Ltd., has received ISO14001 and ISO9001 Certifications under the global standard for environmental management.

Item	VN-C215V4U	VN-C215VP4U
Operating conditions	-10°C to 50°C (14°F to 122°F) Humidity : 35 - 85% RH (non-condensing)	-10°C to 50°C (14°F to 122°F) -30°C to 50°C (-22°F to 122°F) with heater Humidity : 35 - 85% RH (non-condensing)
Installation, management and maintenance	Web-based camera configuration Search Tool Firmware updates over HTTP	
Video access from Web browser	Camera live view by ActiveX Image recording to file (JPEG)	
Minimum Web browsing requirements	Pentium III CPU 500MHz or higher 128MB RAM, True Color video card (24 bit or 32 bit) Windows XP (Professional or Home) SP2, Internet Explorer 6.0	
System integration support	Open API for application integration ActiveX Viewer Quality of Service (QoS) Embedded Linux operating system	
Supported protocols	TCP, UDP, IP, HTTP, FTP, ICMP, ARP, DHCP, SNMP, SMTP, DSCP DNS, TTL, IGMP	
Video management software/hardware (not included)	JVC application software for viewing/recording/archiving up to 8 cameras JVC network video recorder "VR-N900U" (up to 9 cameras) For more application software via JVC Partners	
Included accessories	Start up Guide, CD with Instruction Manual and API Guide template for installation/mounting ActiveX Viewer	
Approvals	EN55022/1994+A1+A2 Class A, EN55024/1998+A1+A2 FCC Part15 Subpart B Class A, UL60950, EN60950	
Dimensions (HxWxD) and weight	133 x 145 x 145 (5.25" x 5.75" x 5.75") Weight : V4U - 750 g (1.7 lbs)	125 x 160 x 160 (3.12" x 5.75" x 5.75") Weight : VP4U - 1.3 kg (2.9 lbs)

### Triple axis rotation system for wide lens adjustment



### Operation LED display



Visible communication LEDs (VN-C215V4U only)

VN-C215V4U  
VN-C215VP4U