JVC

VN-H257U
VN-H657U

Security at its Highest Level

Super**LoLux** HD™

"In the money cage, images from the JVC HD cameras are so sharp you can read the denominations on the bills, which was not possible with previous security cameras."
— Sandy Moss, Lead Surveillance Technician, Resorts World Casino New York City

From parking areas to gaming areas, from documenting transactions to documenting medical incidents, JVC video cameras can keep watch over your facility like they do at Resorts World Casino in New York City. There, more than 3,000 slot games and 5,000 electronic table games are monitored with JVC cameras providing high quality images with spot on color. What's more, our engineers continue to work with security staff to make sure everything runs perfectly smooth—that's the JVC difference. "JVC set up presets for us that are really designed for the casino environment. The engineers were great. They worked with us to build these new tools, and we've been having great success with them ever since," states Jason Arnett, Assistant Director of Surveillance, Resorts World Casino.

Key camera features

- Full HD Network Indoor Dome Camera
- 1/3-inch CMOS w/2,120,000 effective (VN-H257)
- 1/2.8-inch CMOS w/2M effective pixels (VN-H657U)
- H.264 High profile Super LoLux HD™ DSP
- Full HD 1920 x 1080 H.264 High profile, MPEG-4 and Motion JPEG Multi codec
- C.L.V.I. — for wide dynamic range and anti fog

- Built-in 3.0x variable focal length auto iris lens (f=3.0mm to 9.0mm) (VN-H257U)
- 30 fps Full HD H.264, 30 fps VGA MPEG-4, or 15 fps Full HD JPEG distribution
- Super LoLux HD™ sensitivity
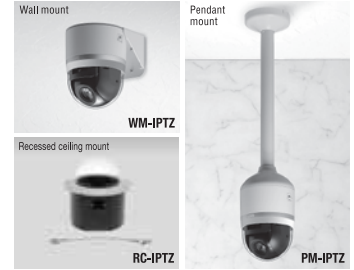- True Day/Night for precise night monitoring

VN-H257U	VN-H657U	Options for VN-H257U	Options for VN-H657U

Pendant mount · Wall mount · WM-VPOD · Recessed Ceiling Mount · PM-VPOD · RC-VPOD

Wall mount · Pendant mount · WM-IPTZ · Recessed ceiling mount · RC-IPTZ · PM-IPTZ

Cameras shown with options not included.

Specifications

Camera	VN-H257U	VN-H657U
Image Device	1/3" CMOS	1/2.8" CMOS
Number of effective pixels	2,120 (1,944 H x 1,092 V)	2Mega pixels, (1,920 H x 1,080 V)
Minimum illumination (typical) <B&W mode>	0.3 lx (50%, F1.2, AGC HIGH / 0.15 lx (25%, F1.2, AGC HIGH) < 0.05 lx (50%, F1.2, AGC HIGH) >	0.7 lx (F1.6, 50IRE, 1/30) 0.3 lx (F1.6, 50IRE, 1/30)
Iris control	DC iris	–
White balance	ATW/AWC	ATW/AWC
Wide dynamic range functions	C.L.V.I.	Active gamma (Easy wide-D)
Backlight compensation	Yes (4 patterns)	Yes (4 areas are selectable)
Shutter speed	–	Select from menu (1/60 s to 1/10,000 s)
Lens		
Focal length <angle of vision>	3.0 mm to 9.0 mm, 3.9 vari-focal <103º (H) x 56º (V) to 79º (H) x 44º (V)>	18x optical
Max. aperture ratio	F1.2	F1.6
Angle adjustment range	Horizontal: 350º, Vertical: ±80º, Rotation: ±100º	–
Auto focus	–	Easy AF/One push AF
General		
SD card recording	Yes	–
Alarm I/O	Input x 2, Output x 2	Input x 2, Output x 2
Monitor output	Composite video signal: 1.0 V (p-p), PAL/NTSC (RCA)	–
Audio communication	Line in / Line out	–
Power supply	24 VAC (50 Hz/60 Hz) / 48 VDC (PoE)	24 VAC/POE Plus
Power consumption	0.5 A (24 VAC) / 135 mA (PoE)	1.2 A (24 VAC / 16W) (PoE)
Operating temperature range <recommended>	14 ºF to 122 ºF (–10 ºC to 50 ºC) < 32 ºF to 104 ºF (0 ºC to 40 ºC) >	14 ºF to 122 ºF (–10 ºC to 50 ºC) < 32 ºF to 104 ºF (0 ºC to 40 ºC) >
Dimensions (WxHxD)	ø 4-3/8 inches x 4-5/8 inches (H) ø 111 mm x 117 mm (H)	ø 6-1/4 inches x 7-7/8 inches (H) ø 160 mm x 201 mm (H)
Weight (approx.)	0.99 lbs. (0.45kg)	4.2 lbs. (1.9kg)
Network		
Network interfaces	RJ-45 (Cat 5): 10 BASE-T/100 BASE-TX	RJ-45 (Cat 5): 10 BASE-T/100 BASE-TX
Protocol	TCP/IP, UDP/IP, FTP, ICMP, ARP, DHCP, SNTP, HTTP, DSCP, SMTP, RTP, IGMP, IPv6, HTTPS, SNMP, ONVIF, PSIA	TCP/IP, UDP/IP, FTP, ICMP, ARP, DHCP, SNTP, HTTP, DSCP, SMTP, RTP, IGMP, IPv6, VSIP
Picture — Resolution (pixel)	All compression: 320x240, 640x480 Motion JPEG/H.264 only: 1280x720, 1280x960, 1920x1080	1920x1080, 1280x960, 1280x720, 720x480 ,640x480, 640x360, 352x240, 320x240
Picture — Compression	Motion JPEG, H.264 (High/Baseline), MPEG-4	Motion JPEG, H.264 (High/Baseline)
Frame rate	30 fps H.264 (1920x1080), 30 fps MPEG-4 (640x480), 10 fps Motion JPEG (1920x1080)	H.264: 1920x1080, 30fps, H.264: 30, 25, 15, 10, 7.5, 5, 3, 2, 1 fps JPEG: 30, 15, 7.5, 5, 3, 2, 1 fps
Audio compression	µ-law 64 kbps mono AD/DA 16-bits	–
Internal storage capacity	16 MB (RAM)	–
Access protection	3 levels password, IP address filtering	3 levels password, IP address filtering
Motion detection	Yes	Yes
Web server	Yes	Yes
Data transmission	Unicast/Multicast	Unicast/Multicast
System requirement (recommended)		
OS	Windows Vista Business (SP2), Windows XP pro (SP3), Windows 7 pro	OS: Microsoft Windows XP professional*, Windows Server 2003*, Windows Server 2008 R1*/R2* Windows Vista (Business*, Enterprise*, Ultimate*), Windows 7 (Professional*, Enterprise*, Ultimate*)
CPU	Core 2 Duo (3 GHz)	Intel Core 2 Duo 2.4GHz or higher
Memory	More than 2 GB	More than 1 GB
HDD space	More than 1 GB	More than 512 MB
Display/Video card	1,024x768 pixels, true color (24-bit or 32-bit)	1,024x768 pixels, true color (24-bit or 32-bit)

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