

JVC®

The Perfect Experience

NETWORK VIDEO RECORDER **VR-N1600U(A)/E(A)** (16 Channels) **VR-N900U(B)** (9 Channels)



Network ready

Hardware, software and camera licences all pre-installed

◆ All-in-One Solution with no additional fees – Packs everything required for IP surveillance

- Milestone Xprotect Enterprise installed
- 9-Channel/16-Channel Camera license installed
- Camera driver installed
- HDD installed

◆ Superior Scalability

Master/Slave configuration and NAS are supported. Large-scale system in conjunction with multiple recorders can be configured.

◆ Open Architecture

Open platform for easy integration with various Milestone applications and external systems such as access control or POS system.

◆ More Versatility with External Devices

A variety of external devices such as mouse, keyboard, HDD, or CD/DVD burner can be connected via USB.

◆ Upgradable to 32 Channels with Additional Licences (VR-N1600U(A)/E(A))

Additional licenses can be purchased one channel at a time. Up to 32 cameras can be used.

◆ Built-in Encoder for Analog Camera Connection (VR-N900U(B) only)

Built-in 4-channel encoder allows analog cameras to be connected, enabling a mixed system of IP and analog cameras.

◆ Supported devices

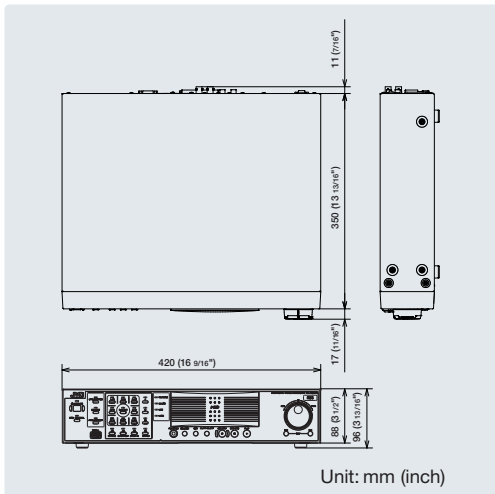
JVC	VN-V25U/V26U/X35U
	VN-V225U/V225VPU
	VN-X235U/X235VPU
	VN-V685U/V686U/V686BU
	VN-V686WPU/V686WPBU
	VN-C20U/C215U series
	VN-C625U/C655U(B)
	VN-E4U/E4E
Verint	S1700/S1704/S1708/S1900/S2700e
Axis	206/207/209FD/211/212/213/214/216/225

Over 800 devices can be supported by installing the device driver provided by Milestone. Auto detect function and performance guarantee with VR-N1600U(A)/E(A) and VR-N900U(B) are applied to the products on above list only.

◆ Specifications

	VR-N1600U(A)/E(A)	VR-N900U(B)
Total channels	16 (Additional 16-ch by option)	9
Analog input	–	4 (NTSC/PAL composite video 75Ω)
HDD	500 GByte S-ATA	250 GByte P-ATA
CPU	Intel E8400 Embedded (3GHz)	Intel Pentium 4 531 Embedded (3GHz)
RAM	1 GByte (DDR3)	512 MByte (DDR2)
Frame rate	Recording / Local viewing / Network distribution [Local recording] 160 ips / 160 ips / 160 ips 240 ips / 0 ips / 160 ips *without local viewing [NAS recording] 80 ips / 160 ips / 160 ips 80 ips / 0 ips / 160 ips *without local viewing	Recording / Local viewing / Network distribution [Local recording] 120 ips / 60 ips / 30 ips 120 ips / 0 ips / 82 ips *without local viewing [NAS recording] 60 ips / 60 ips / 30 ips 60 ips / 0 ips / 30 ips *without local viewing
Master Slave configuration	Up to 5 recorders [Ver 5.0 +], 80 cameras in total	
Video compression	JPEG / MPEG-4	
Audio compression	μ-law (64kbps) A/D 8 bit, Fs 8KHz	
SNMP client	SNMP Ver1 and Ver2c	
System requirement (for remote PC)	OS: Microsoft Windows 2000 Professional / 2000 Server / XP professional / Vista Business / Vista Ultimate / Server 2003 / Windows 7 CPU: Intel Pentium-4 or higher (Xeon recommended), minimum 2.4GHz RAM: Minimum 512MByte VGA: AGP or PCI-Express minimum 1024 x 768 (1280 x 1024 recommended), 16 bit color or higher Network: 100Mbps or higher HDD: at least 50MByte free space Other: Microsoft .Net Framework 2.0, DirectX 9.0 or higher, Internet Explorer 6.0 or 8.0	
LAN	1000 Base-T x 2	1000 Base-T x 1, 100 Base-TX x 1
USB	USB2.0 A-Type x 5	
VGA	Up to 1600 x 1200 pixels	
Audio Input / Output	Analog audio RCA x 2 / Analog audio RCA x 1	
I/O terminals	Input x 12 / Output x 5 / GND x 3	Input x 8 / Output x 5 / GND x 3
Camera control	–	RS-485
Power supply	VR-N1600U(A): AC120V, 50Hz/60Hz VR-N1600E(A): AC220 – 240V, 50Hz/60Hz	AC120 – 240V, 50Hz/60Hz
Temperature	Operating: 5°C to 40°C / Storage: -20°C to 60°C	
Weight	Approx. 7.8kg	Approx. 8.0kg

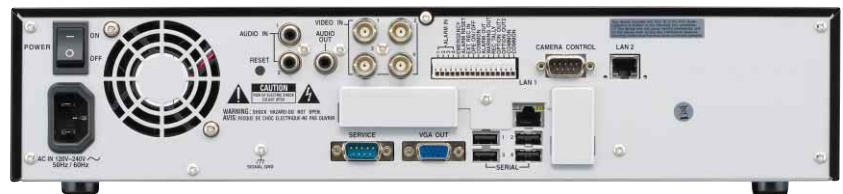
◆ Dimensions



◆ Rear panel



VR-N1600U(A)/E(A)



VR-N900U(B)

Milestone is a registered trademark of Milestone Systems. XProtect Enterprise is license software by Milestone Systems. Windows is registered by Microsoft Corporation. Pentium 4 is a patent product registered by Intel Corporation. All brand or product names may be trademarks and/or registered trademarks of their respective owners.

Copyright © 2011, Victor Company of Japan, Limited. All Rights Reserved.

Design and specifications subject to change without notice.

JVC®

DISTRIBUTED BY



Victor Company of Japan, Ltd. has received ISO14001 Certification for environmental management and ISO9001 Certification for quality assurance management.

Printed in Japan

VEC-0331 VR-N1600U(A)/N1600E(A)/N900U(B) 2011/1

"JVC" is the trademark or registered trademark of Victor Company of Japan, Limited.