**V-VMSS**

*Video Management System
Next Generation*

**OVERVIEW**

The Vanderbilt Industries Next Generation Video Management System (V-VMSS) allows you to effectively manage your video surveillance system with ease. Features like the V-VMSS web client and mobile application provide you with the tools to access your system from anywhere, and at your convenience. This scalable video system is perfect for any size installation – whether your needs are for a single-server or multi-site enterprise solution.

V-VMSS is available in a variety of packages to meet your facility’s needs and requirements. Choose from our software-only or pre-bundled software/server packages. The Vanderbilt Video Management System can be used as a stand-alone video solution, or for enhanced security and investigations, take advantage of our seamless integration to Vanderbilt access control platforms.

- Fully integrates with SMS v6.0 (and higher) and captures video for associated transactions and events
- Web client application
- Mobile application
- Trigger PTZ preset commands based on SMS transactions (SMS v6.3 and higher)
- Trigger SMS alarms based on V-VMSS events such as camera alarms or failures
- Can function as a stand-alone video management system

**FEATURES AND BENEFITS**

- Local and remote monitor and control
- Unlimited cameras/servers
- 64 cameras per monitor in live view
- View across servers
- Multi-server administration/configuration
- Centralized client configuration
- Centralized server/client software distribution
- Active Directory integration
- Dynamic Resolution Scaling
- IP camera support
- Megapixel and HD Camera Support
- MJPEG, MPEG4, H.264
- 360° camera support
- Over 20 supported PTZ protocols
- E-mail alerts
- Motion Detection
- Alarm Recording
- Advanced Scheduling
- Backup Utilities
- Unlimited Users & Groups
- Audio Recording Support
- Automated Attendant, PTZ preset on event
- Activity & Event Logging
- Archiving (Automatic)

(continued)
FEATURES AND BENEFITS (continued)

LIVE VIEW CLIENT
- Video Client With Tiled Display
  Up to 10-Minute Quick Review
  Alarm & Motion Indicators
  PTZ Tours & Presets
  Joystick Support
- Mapping Client
  Unlimited Maps
  Field-of-View Display
  Activity Indicators
- Alarm Client
  Advanced Schedules
  History list
  Instant Review
- Web Interface
  1/4/9/16 Live view
  Playback
  Event Export
  PTZ Control

VIDEO INVESTIGATION TOOLS
- Playback
  Throttle from 1/4 Speed to 16x
  Frame-by-frame Review
  Color Coded Clips With Filtering
- Smart Search
  Unlimited Search Zones
  Instant Results
- Video Queue With Text Notations
- Thumbnail Search
- Export Cd/Dvd Export
  Standard File Format (AVI)
  Digital Watermark
  Video Tampering Verification
- Multi Camera Playback
- Quad View
- Export Volume Option
- Full Playback Controls
- Motion/Alarm Recording Graph

SERVER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Operating System</th>
<th>MS Windows Embedded Standard 7 (64 bit) or MS Windows 7 Professional 64-bit</th>
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<tbody>
<tr>
<td>Hard Drive (OS)</td>
<td>120GB Solid State SATA</td>
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<tr>
<td>Hard Drive - (Video Storage)</td>
<td>1TB - 24TB (RAID5 Optional: 6 – 18TB)</td>
</tr>
<tr>
<td>CPU</td>
<td>3.4GHz Intel Core i7 - 4770</td>
</tr>
<tr>
<td>Memory</td>
<td>8GB DDR3 SDRAM (16GB optional upgrade)</td>
</tr>
<tr>
<td>Network</td>
<td>Dual (2) Gigabit Ethernet LAN ports</td>
</tr>
<tr>
<td>USB</td>
<td>2 x USB 3.0, 6 x USB 2.0</td>
</tr>
<tr>
<td>Video Display Ports</td>
<td>1x VGA, 1x HDMI, 1x DVI, 1x Display Port</td>
</tr>
<tr>
<td>Dimensions</td>
<td>3.5” H x 16.8” W x 25.6” D</td>
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<tr>
<td>Server</td>
<td>2U Rack Mountable</td>
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<tr>
<td>Input Voltage</td>
<td>120VAC or 240VAC</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>50°F to 75°F</td>
</tr>
<tr>
<td>Options</td>
<td>Add up to (5) additional hard drives; (6 total) RAID5 configuration and hot swap capability IP Camera Expansion Additional RAM up to 16GB</td>
</tr>
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ORDERING INFORMATION

PRE-BUNDLED PACKAGES (Hardware, Software and Licenses Included)
- V-VMSNG-4N2  V-VMS 4 Channel NVR with 2TB Hard Drive Storage (Max 2TB)
- V-VMSNG-8N2  V-VMS 8 Channel NVR with 2TB Hard Drive Storage (Max 2TB)
- V-VMSNG-16N2 V-VMS 16 Channel NVR with 4TB Hard Drive Storage (Max 24TB)
- V-VMSNG-32N2 V-VMS 32 Channel NVR with 8TB Hard Drive Storage (Max 24TB)

SELECT OS
- VEVMS-W7  MS Windows 7 Professional 64-bit
- VEVMS-W7E MS Windows Embedded Standard 7 (64 bit)

FACTORY INSTALLED OPTIONS
- VIDEO-TB-4  4TB Hard Drive Expansion
- VIDEO-8GB  8GB DDR3 SDRAM Expansion
- VIDEO-RD5  RAID5 Configuration with Hot Swap Capability (Minimum of 3 like-size drives required)

ACCESSORIES
- VMKMKBB  Rack Mount Monitor, Keyboard, & Mouse Unit
- VMKMKVMBKB Rack Mount Monitor, Keyboard, & Mouse Unit with 8 Port KVM Switch
- VEVMSCL  Cable (12 foot) - Connects one V-VMS unit to a Rack Mount Monitor, Keyboard & Mouse

SOFTWARE & LICENSES ONLY (HardwareSupplied by customer)
- V-VMSNG-IPL V-VMS Software w/ 1 IP Camera License
- V-VMSNG-ADD V-VMS 1 IP Camera License Add (no software)

* Monitor, Keyboard and Mouse sold separately (refer to accessories); V-VMS Next Generation Video Integration to SMS v6.0 or higher