

# VMS-1000



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## VMS Media Gateway

VMS-1000 Server is one of the advanced embedded VMS Media Gateway integrating the eMVS Pro software and hardware together effectively. The VMS-1000 server is a self-adaptive hardware which seamlessly integrates with robust eMVS Pro software. VMS-1000 completely boost the system's performance with genuine user-friendly GUI. Easy to install and operate.

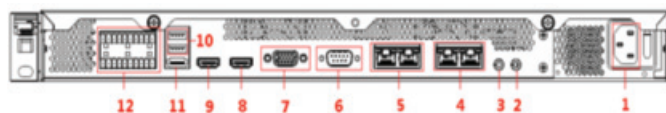


### Features:

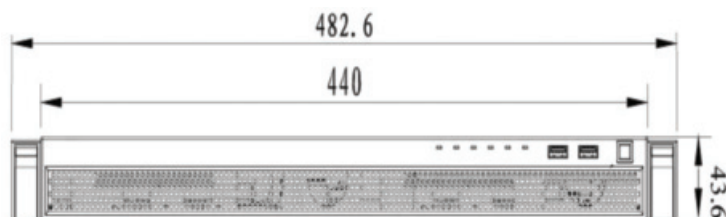
- Embedded Linux System, C/S Architecture
- Support 7\*24 stable operation
- Support distribute and cascade deployment
- Support hot standby for master server
- Support N+M hot standby for slave server
- Up to 20 slave server can be managed per master server
- Support up to 5-level cascade
- Support 100 ONVIF devices
- High Flexibility and Scalability
- Support up to 16 channels sync playback
- Support GIS map (Google, RasterMap)
- Support Yahoo, Gmail, Hotmail
- Live view, PTZ control, snapshot, instant playback, customized layout
- Support Mobile Surveillance functions models via apply the corresponding License



- |                 |                      |
|-----------------|----------------------|
| 1- Power Button | 4- HDD Status        |
| 2- USB 3.0      | 5- Alarm Indicator   |
| 3- USB 3.0      | 6- Network Indicator |



- |                        |                     |
|------------------------|---------------------|
| 1- Power Interface     | 7- Video VGA Output |
| 2- Audio Output        | 8- HDMI1            |
| 3- Audio Input         | 9- HDMI2            |
| 4- Ethernet Port 1~2   | 10- USB2.0x2        |
| 5- Ethernet Port 3~4   | 11- eSATA Interface |
| 6- RS232 Interconnects | 12- Alarm In & Out  |



## GENERAL SPECIFICATION

### Video Management System Media Gateway:

The Video Management System Media Gateway specified is an enterprise-class client/server based IP video security solution that provides seamless management of digital video, audio and data across an IP network.

The VMS Media Gateway is an all-in-one server that is composed of WatchNET's video management system (VMS), center storage of device database for effective Video Management Solutions to handle any size of the project, Operating System. It is easy to deploy and operate. VMS Platform Server provides the best level of support while maintaining an easy-to-use interface for operators and technicians with the state-of-the-art software features as follows:

1. User Rights Management
2. Device Management
3. Alarm Management
4. Central Storage
5. TV Wall Matrix
6. 2-way audio talk and much more advanced features.
7. Advanced feature support includes: POS Integration with data sync and Intelligent video analysis to aid in event identification (Line Detector Tampering, Intrusion, Object Abandonment, Object Missing, People Counting, etc.) and eMap etc....

### **Solid Stability & best Architecture:**

1. Embedded Linux System
2. Client-Server Architecture
3. Support 7\*24 stable operation
4. Support distribute and cascade deployment
5. Support hot standby for master server
6. Support N+M hot standby for slave server High Compatibility

### **System Scalability:**

The VMS Media Gateway Server shall be with high flexibility & scalability:

1. The VMS Platform Server shall be capable of connecting up to 1000 cameras per server
2. Up to 20 slave server can be managed per master server
3. Support up to 5-level cascade
4. Support unlimited accounts management, 8000 online users and 500 roles
5. Support 100 ONVIF devices
6. Support Mobile Surveillance functions models via apply the corresponding License

### **Dynamic Central Storage:**

1. Automatic Network Replenishment technology
2. Up to 15 hard disk and ISCSI expand storage
3. Support HDD group modes, different HDD group can be assigned to different camera
4. Support RAID 0/1/5/6/10/50/60

### **Resilient & Flexible Management Feature:**

The VMS Media Gateway Server shall be with robust and resilient with the following important features:

1. Manage the devices and users for the different organization
2. Assign different camera range, active period and business modules for different user
3. Set the different scheme for different events (include intelligent video analysis events), record and view all event history information
4. Live view, PTZ control, snapshot, instant playback, customized layout
5. Playback the records from the front end devices or center
6. Normal, Motion, Alarm, IVS and POS playback
7. Lock and mark the important records for center storage
8. Smart search can find the motion information in assigned region quickly
9. Fisheye Dewarping whether live view or playback
10. Push the real-time video, alarm linked video & playback video to the TV Wall
11. Statistic people counting and heat map data, export report
12. Support up to 16 channels sync playback
13. Support GIS Map (Google, Roaster Map)
14. View and query the POS transaction information, playback the related video

Model	VMS-1000	
System	System Processor	64 bit 4 core CPU
	Operating System	Embedded LINUX OS
	Memory	4GB
	Chassis	1.0mm SGCC steel plate
	Local System Setting	System time setting, Platform service operation parameters configuration
	Power Supply	Single power supply
Interface	Network Port	4 RJ-45 Ports (10/100/1000Mbps)
	Ethernet Port	4 Ethernet Ports Joint Working or 4 Independent 1000Mbps Ethernet Ports
	RS232	Reserved
	RS485	Reserved (reusable with alarm port)
	Alarm input/output	4 x Ethernet ports with load balancing OR 4 independent Ethernet ports with 1000Mbps
	USB Port	Front panel: 2x USB 3.0, Rear panel: 2 x USB 2.0
	HDMI	2 HDMI, one as network config, another as spare
	VGA	1 VGA, as network configuration
	HDD Installation	Built-in 1x 1T HDD disk (2.5") for system Support 3HDD disks (2.5") for Video & Picture storage
Video Management	RAID Support	RAID 0/1/5/6/10/50/60
	Number of Connected Cameras Per Server	1000
	ISCSI	Up to 200TB per server
	Clients Per System	8000 Online Users
	Numbers of Users	Unlimited
	Numbers of Roles	500
	Bandwidth of Video Input per Server	350 Mbps
	Bandwidth of Video Output per Server	350 Mbps
	Bandwidth of Video Storage per Server	100 Mbps
	Alarm Inputs	Process 1000 channel alarm per second
Other	Power	100V ~ 240V, 47 ~ 63Hz
	Consumption	35W ~ 50W (with HDD)
	Working Environment Temperature	0°C ~ +50°C / 32°F ~ +122°F
	Working Environment Humidity	5% ~ 90% (non-condensation)
	Storage Environment Temperature	-20°C ~ +70°C / -4°F ~ +158°F
	Storage Environment Humidity	5% ~ 90% (non-condensation)
	Working Altitude	-60m ~ 3000m
	Weight	4.5Kg / 9.92Lb (Without Package)
	Dimension	1U, 440mm x 398.6mm x 43.6mm / 17.32" x 15.69" x 1.72"
Installation Method	Standard 19" rack installation	

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