

Uniview IVS-VM8500-E

The IVS-VM8500-E is one of the ideal video management server specialized for surveillance. Engineered with a flexible and reliable architecture, IVS-VM8500-E helps provide round-the-clock safeguard to people and property.

Featuring scalability, unwavering reliability, strong compatibility, user-friendliness, the IVS-VM8500-E is widely used in various industries such as public security, finance, transportation, electric power, energy, education, and health care, and in diverse scenarios including large parks and buildings.



Appearance of the IVS-VM8500-E

Key Features

Powerful Centralized Management Capability

- Scaling 10,000 cameras in a single platform and 100,000 Cameras by cascading.
- Carrying up to 3,000 users in a single platform and a maximum of 300 online users
- Providing auto upgrading for IPCs and codecs in uniview protocol
- Providing unified configuration for Uniview devices
- Implementing automatic discovery and addition of devices
- Customized empowerment setting, each camera and each function can be empowered separately

Unwavering Reliability

- Providing continually monitoring and video recording even when the VM is powered off
- Supporting hot standby and N+1 deployment
- Implementing redundancy storage by MAS and having anti-delete and anti-manipulation functions
- Supporting dynamic load balancing and backup of Multi-media switch servers

Strong Compatibility

- Accepting third-party IPC with ONVIF conformance
- Providing SDK for a third party to develop various personalized applications

Effective Functions

- Hundreds of functions integrated to increase efficiency for users
- Adopting the unique patented multimedia storage technology (MAS) , long-term video record can be retrieved and replayed in seconds
- Providing real-time panoramic videos by joining several cameras' images
- Supporting user-defined alarm processing mechanism
- Integrating instant messaging specified for surveillances
- Providing mobile APP for outdoor users
- Providing 3-D client for virtual-reality surveillance
- Supporting IP-based transmission in unicast or multicast mode

Specifications

ITEMS	Description
Capacity	
Maximum number of cameras	10,000 per platform; 100,000 by platform cascading(Including IP camera and analog camera with encoder)
Maximum number of Decoder	1,000 per platform
User	Concurrently online user 300 per platform at most. Configured user can be 3000
Capacity of storage	Unlimited
Capacity	
Maximum number of cameras	5,000 per platform; 100,000 by platform cascading(Including IP camera and analog camera with encoder)
User	Concurrently online user 300 per platform at most. Configured user can be 3,000
Maximum number of Decoder	1,000 per platform
Capacity of storage	Unlimited
Feature	
Live video	Polling video one by one or group by group
Playback	Synchronous playback(maximum:25 ch); Instance playback(last second to 1 hour ago); snapshot and continual snapshot ;playback to the TV-wall
PTZ	Supporting PTZ control and preemption; PTZ preset positions setting and calling; PTZ cruise setting and calling
Alarm trigger	Offline, video lost, storage failure, I/O input, hardware error, manual trigger, video analysis, third-party trigger
Alarm reaction	Live /playback video display; real-time storage; storage backup; I/O output; PTZ preset position; SMS; email
Hardware	
Hard disk	2 (1TB Enterprise-class hard disks)
Network interface	2 (RJ45 10M/100M/1000M adaptive Ethernet Interface)
Dimensions (W x D)	446 mm x 500 mm x 86.1 mm (without hangers and slide rail)

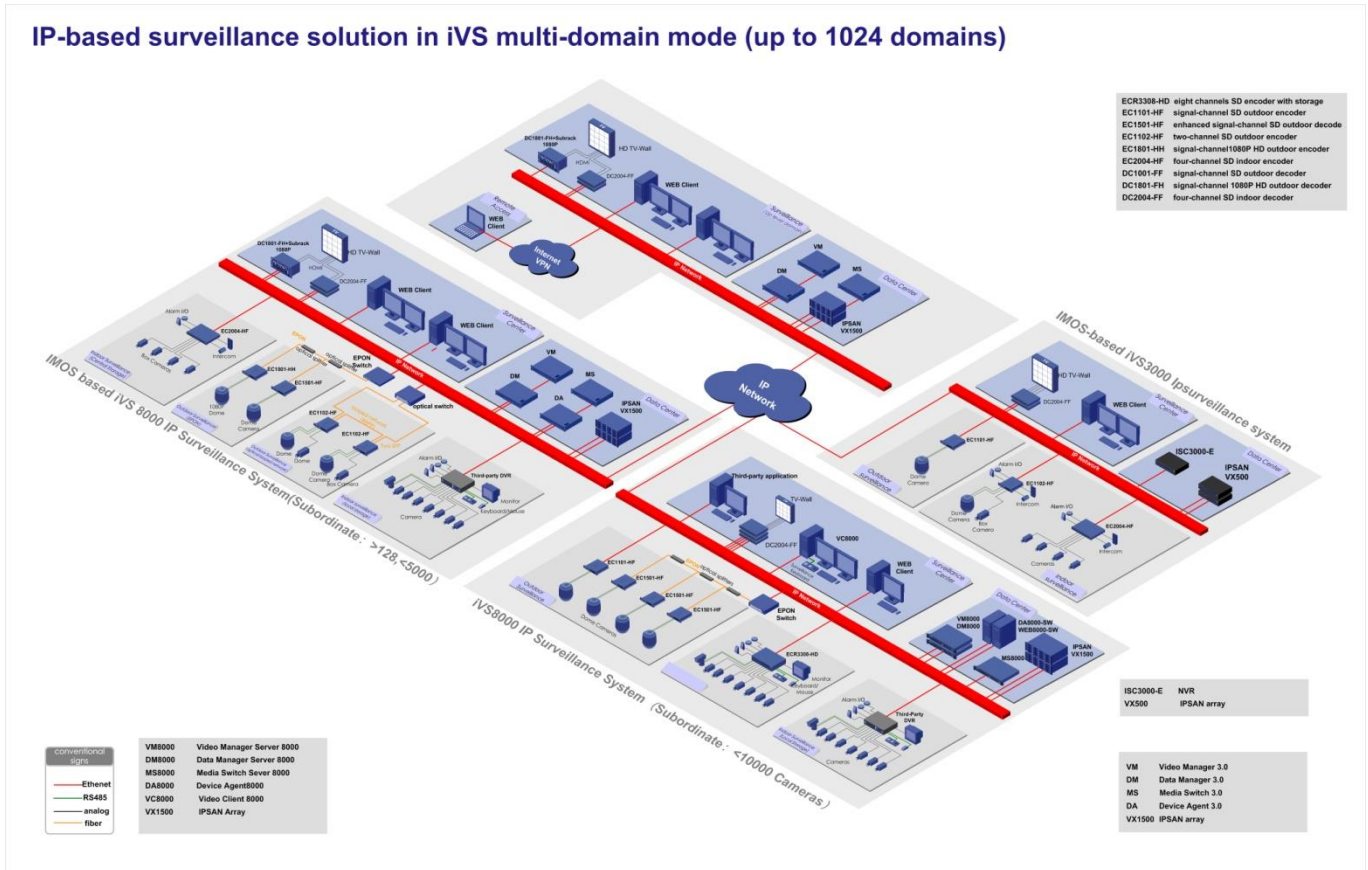
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Power Supply	100~240V AC, 50Hz/60Hz
Power Consumption	≤200 W
Weight	≤14 Kg
Working Temperature	5 °C~40 °C
Working Humidity	20% ~ 80%

Requirements for Clients

Item	Minimum Configuration	Recommended Configuration
Operating system	Microsoft Windows XP SP2	Microsoft Windows 7 SP1
Software	DirectX9.0c Microsoft Internet Explorer 7.0 or later versions	DirectX9.0c or later versions Microsoft Internet Explorer 7.0
CPU	Pentium 4 2.8 GHz	Dual-Core Q9500 2.83 GHz or later versions
Memory	512 MB	2 GB or higher
Hard disk	40 GB	160 GB or higher
Display adapter	Video memory of 128 MB or higher	NVIDIA GeForce 9800 GT 512 MB or higher; the DirectX 9.0c is supported Note: The latest driver must be used. The driver issued after August 2009 is recommended.
Audio adapter	Mandatory. Note: The latest driver is required. Otherwise, the two-way talking or video broadcast may be unavailable.	Mandatory. Note: The latest driver is required. Otherwise, the two-way talking or video broadcast may be unavailable.
NIC	Fast Ethernet port	Gigabit Ethernet port or higher
Display resolution	1280 × 1024	1440 × 900

Typical Applications

IP-based surveillance solution in iVS multi-domain mode (up to 1024 domains)



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*Product specifications and availability are subject to change without notice.