

Title:	iVMS 2000 Overview/ Guidelines				
Date:	3/14/2011	Version:	1.0	Pages	3
Product:	iVMS 2000 software				
Action Required:	Information Only				

- iVMS 2000 is a Video Server software that can be installed on a clients existing server or on a new server
- iVMS 2000 can work on a server with our compression cards installed to record analog cameras
- iVMS 2000 will accommodate up to 64 4CIF IP Cameras
- iVMS 2000 will accommodate up to 32 Megapixel Cameras
- iVMS 2000 can be viewed remotely using our client software iVMS 4000
- iVMS 2000 can have different user levels
- The server/ workstation that iVMS 2000 is installed in shall have the following minimum specifications;

iVMS-2000 PC Hardware Minimum Requirements:	
16 Standard cameras (View up to 12 cameras at 4CIF at 2Mbps)	<ul style="list-style-type: none"> • Intel® Pentium® Dual 2.5GHZ, 2MB Cache, 800MHz FSB • 1 GB of RAM • 256 MB PCI-Express x16 video adapter with DirectX 10 support • 10/100 Ethernet Network Interface Card • 100Mbps of Network Bandwidth
32/48 Standard cameras (View up to 12 cameras at 4CIF at 2Mbps) or 16 2MP cameras (View up to all cameras at sub stream)	<ul style="list-style-type: none"> • Intel® Core 2 Duo 2.33GHZ,4MB Cache,1333MHz FSB • 2 GB of RAM • 256 MB PCI-Express x16 video adapter with DirectX 10 support • 10/100/1000 Ethernet Network Interface Card • 1Gbps of Network Bandwidth
64 Standard cameras (View up to 20 cameras at 4CIF at 2Mbps) or 32 2MP cameras (View up to all cameras at sub stream)	<ul style="list-style-type: none"> • Intel Core.2 Quad 2.33GHZ,4MB Cache,1333MHz FSB • 2 GB of RAM • 1 GB PCI-Express x16 video adapter with DirectX 10 support • 10/100/1000 Ethernet Network Interface Card • 1Gbps of Network Bandwidth

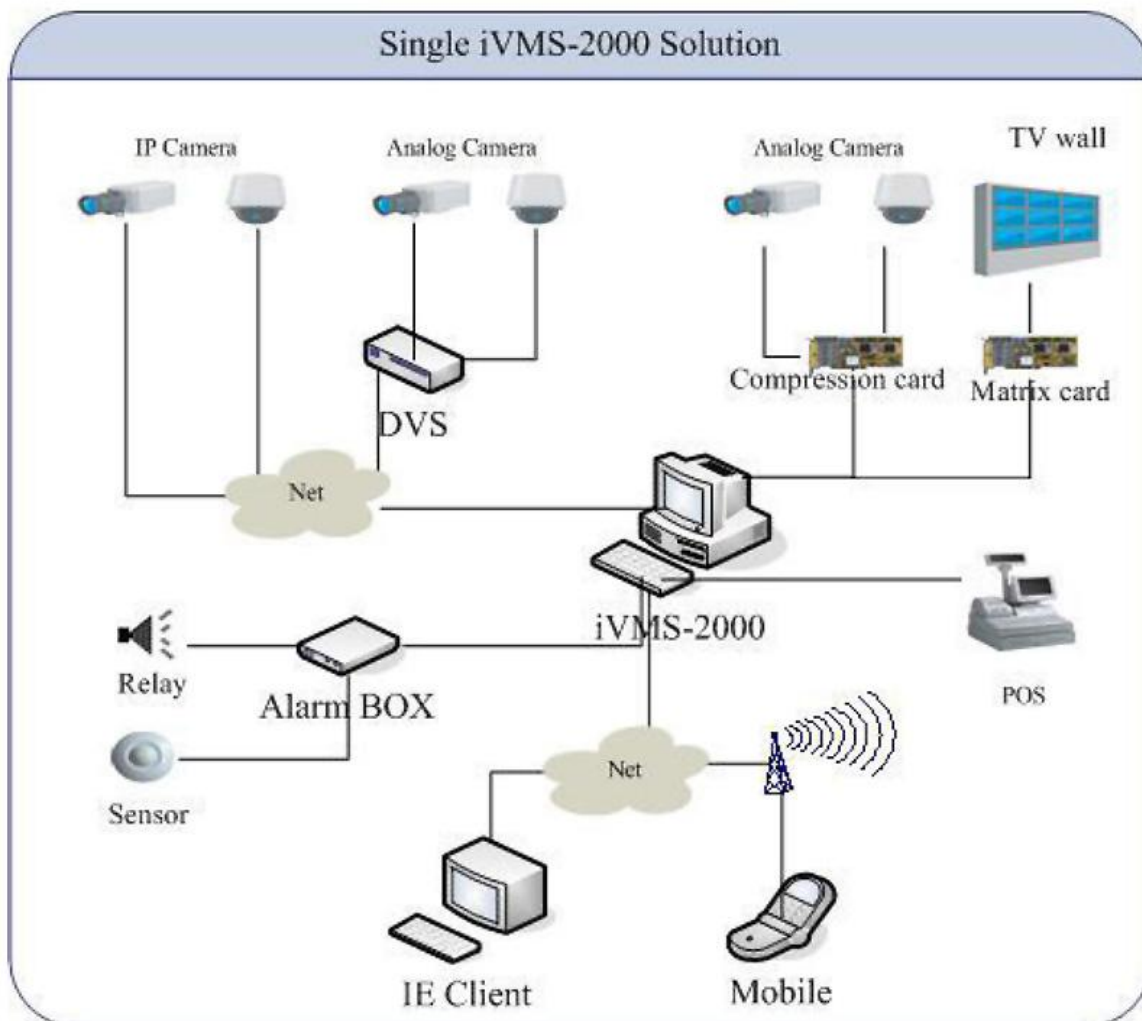
The storage size should be based on users' needs and the configuration of iVMS-2000 PC-NVR.

The table below shows the bit rate and at each bit rate the size of record data for 24 hours a camera.

1Mbps	2Mbps	3Mbps	4Mbps	5Mbps	6Mbps	7Mbps	8Mbps
10.55GB	21.09GB	31.64GB	42.19GB	52.73GB	63.28GB	73.83GB	84.38GB

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iVMS 2000 Typical Line Diagram



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iVMS 4000 Overview/ Guidelines:

- iVMS 4000 is a remote client software to view Hikvision IP camera's, DVR's, NVR's and iVMS 2000 NVR's
- iVMS 4000 can view 50 devices. A device can be a DVR, NVR, iVMS-2000 NVR or Hikvision IP Camera
- iVMS 4000 can view the sub-stream or mainstream from each device
- iVMS 4000 can view recorded video
- iVMS 4000 can save video clips from recorded video
- iVMS 4000 can control PTZ Cameras
- iVMS 4000 can update firmware for DVR's, NVR's and IP cameras
- iVMS 4000 can have different user levels
- iVMS 4000 can configure remote settings
- iVMS 4000 supports up to (4) Monitors

Minimum system Requirements:

Operating System: Microsoft Windows 2000, XP, 2003, Vista, Windows7

CPU: Intel Pentium IV 3.0 GHz or models above

RAM: 1G or above

Display: 1024x768 resolution or above

VGA graphics card w/ 512k memory