HIKVISION™   TECHNICAL BULLETIN

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;

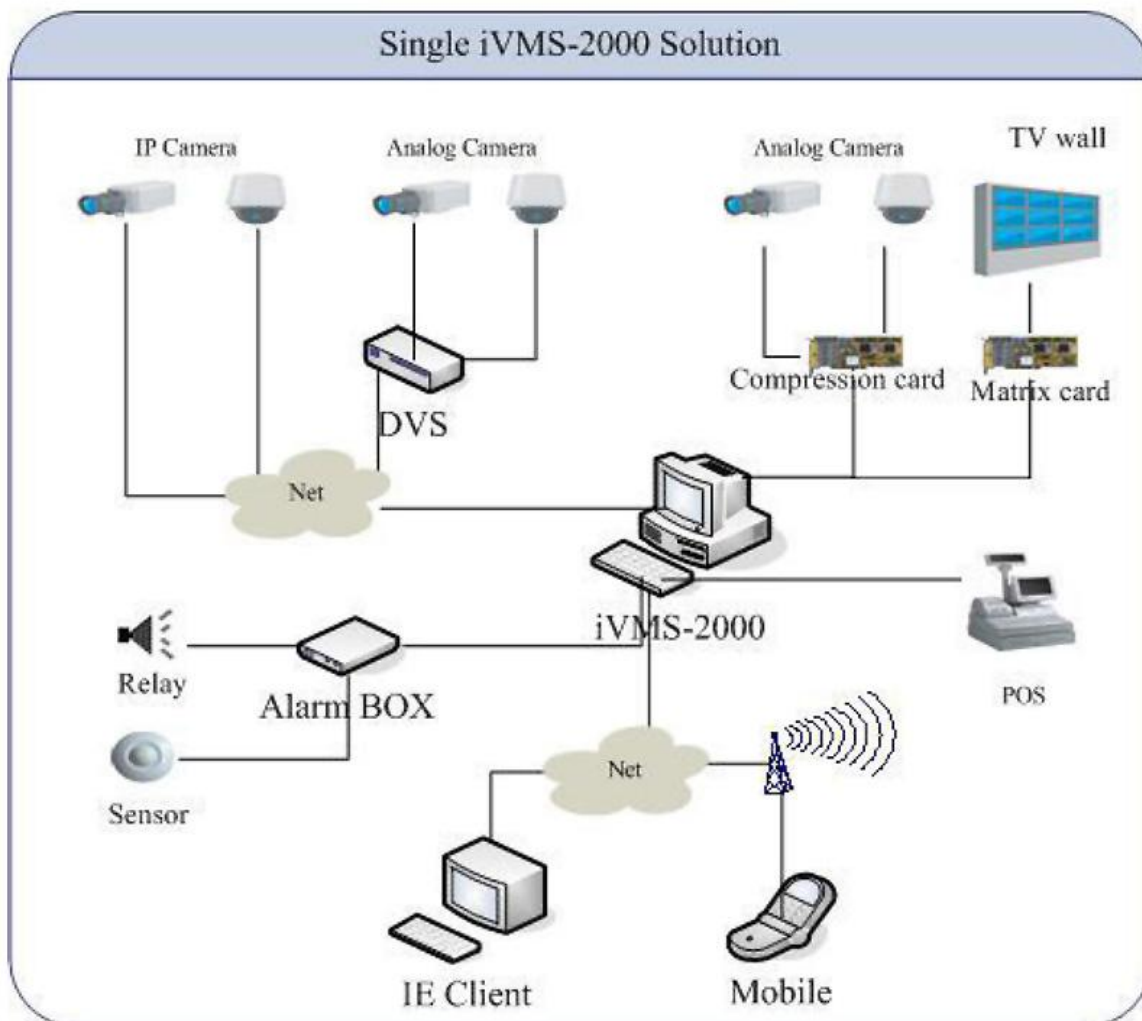| iVMS-2000 PC Hardware Minimum Requirements:	
16 Standard cameras (View up to 12 cameras at 4CIF at 2Mbps)	- Intel® Pentium® Dual 2.5GHZ, 2MB Cache, 800MHz FSB 1 GB of RAM 256 MB PCI-Express x16 video adapter with DirectX 10 support 10/100 Ethernet Network Interface Card 100Mbps of Network Bandwidth
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)	- 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)	- 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

Single iVMS-2000 Solution

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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: 1024×768 resolution or above
VGA graphics card w/ 512k memory