



IP DIRECTOR APPLICATION NOTE

PC Hardware specifications

12-Apr-2013

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INTRODUCTION

IP Director can now be installed on a standard workstation but with the following limitations:

- > The workstation must meet the minimum hardware requirements explained in this document.
- > No AVH board will be provided for this type of workstation. This workstation cannot manage XT[2]s or XFiles and cannot have SDI video display. The XT server management must be done on standard EVS IP Director workstations.
- > MPlay or BEPlay remote cannot be connected to this workstation.
- > IP routing and SynchroDB cannot be configured to manage any XT from this workstation. The workstation cannot be connected to any XT[2] server (only Ethernet connection to the IP Director network is allowed).
- > Database cannot be installed nor run on the workstation.
- > No EVS support provided for this workstation.

MINIMUM HARDWARE REQUIREMENTS

The “non-EVS” workstation must meet at least the following hardware requirements:

IP Director LoRes/SD Browsing Station	
Minimum Hardware requirements	
Processor type	Intel® Core i5
Operating system	Windows 7® Professional
Installed Memory	2 Gb
Internal Hard drive	40 Gb (80Gb is recommended for 2x20Gb Partitions)
Hard Drive speed	5400 rpm
Hard drive controller	SATA
Graphic card	ATI or NVIDIA based
Sound card	Direct Sound compatible Supported cards : <ul style="list-style-type: none"> - Chipset Realtek AC97 Audio - Chipset Realtek HD Audio - Sound Blaster X-Fi XStreme Audio
Network adapter	Gigabit with Jumbo-Frame
Other	USB port, Sound card, mouse, keyboard

IP Director HD Browsing Station	
Minimum Hardware requirements	
Processor type	Intel® Core i7
Operating system	Windows 7® Professional
Installed Memory	4 Gb
Internal Hard drive	40 Gb (80Gb is recommended for 2x20Gb Partitions)
Hard Drive speed	5400 rpm
Hard drive controller	SATA
Graphic card	ATI or NVIDIA based
Sound card	Direct Sound compatible Supported cards : <ul style="list-style-type: none"> - Chipset Realtek AC97 Audio - Chipset Realtek HD Audio - Sound Blaster X-Fi XStreme Audio
Network adapter	Gigabit with Jumbo-Frame
Other	USB port, Sound card, mouse, keyboard

Jumbo-frame support (9000 bytes) configuration is mandatory for the software player when browsing content from an EVS XT[2] server or when the XT Access is run on the workstation to re-wrap files (typically when exporting files from the GigE port of the XT[2] server).

IP Browse LoRes/SD Browsing Station	
Minimum Hardware requirements	
Processor type	Intel® Quad-Core
Operating system	Windows 7® Professional
Installed Memory	2 Gb
Internal Hard drive	40 Gb (80Gb is recommended for 2x20Gb Partitions)
Hard Drive speed	5400 rpm
Hard drive controller	SATA
Graphic card	ATI or NVIDIA based
Sound card	Direct Sound compatible Supported cards : <ul style="list-style-type: none"> - Chispet Realtek AC97 Audio - Chipset Realtek HD Audio - Sound Blaster X-Fi XStreme Audio
Network adapter	Gigabit with Jumbo-Frame
Other	USB port, Sound card, mouse, keyboard

SOFTWARE REQUIREMENTS

The workstation must be installed with the following operating system and software components:

- > Windows 7 Professional 32/64 bits is the preferred OS
- > Windows XP professional 32bits – Service Pack 3 is also supported but with less graphical performances
- > .NET Framework 4.0 or more (provided within the IP-Director installer)
- > DirectX 9.0 (provided within the IP-Director installer)
- > If a personal firewall is installed, the configuration must allow the following TCP ports (from 31001 to 31040) as well as the following multicast IP Addresses used by the remote installer and routing application (224.14.0.1 / 224.14.0.2 / 224.14.0.3).
- > Smooth edges of screen fonts must be forced ON in standard mode. (Display properties/Appearance/Effects)
- > Within the regional settings: the language is “English (United States)”, the date separator is “/”, the time separator is “:” and the time format is 12Hours + PM/AM (Control Panel/Regional and Language Option/Regional Options/Customize)
- > The paging file size must be customized to 1.5 x the amount of physical memory (System Properties/Advanced/Performance Options/Advanced/Virtual Memory/Change)
- > Stickykeys shortcut must be turned off (Control Panel/Accessibility Options/Keyboard/Stickykeys settings)
- > Supplemental language support must be enabled for using IP-Director with East Asian languages (Control Panel/Regional and Language Option/Languages)
- > The windows user running the IP Director applications and services should be member of the local “administrators” group.
- > UAC should be set to the lower level
- > “Simple File Sharing” must be disabled on Windows XP
- > Network connection must be assigned to “Public” network on Windows 7 (not Home or Work)

The software requirements can be automatically checked by running the IP-Director full installer ([IP]Director_6_Setup.hta)