

- Stability, impressive performance and easy to use
- Dedicated Linux video recording servers
- Pre-installed ProVision software application
- “Plug and Play” solution

IP NVR recording servers with ProVision software application already configured and installed: STVS NVRs are Linux appliance servers. This operating system (OS) is specifically dedicated to the software managing the ProVision¹⁾ cameras, which gives many advantages: stability, performance, reliability and reduced cost (TCO²⁾). Lower TCO due to:
 -Preinstalled Linux OS
 -No other software to install (e.g. antivirus, firewall ...)
 -Remote support, maintenance and updates (SSH)

-No driver to install
 -No client software required for visualization (web access)
 For a full “plug and play” solution and a 100% hardware operating guarantee, STVS recommends the NVR range.

¹⁾ See “ProVision Software” datasheet
²⁾ TCO : Total Cost of Ownership

The NVR OS can also be installed on standard hardware: “ProVision install CD³⁾” converts your PC into an NVR.

³⁾ See “ProVision Install CD” datasheet



STVS is a Swiss company founded in 2004, specialized in the development of high-performance and easy-to-use digital recording and IP management software as well as in networking IP video surveillance systems.

STVS SA Copyright October 2009

NVR servers: design features

a) number of cameras in 640x480 resolution, divide by 3 for megapixel resolutions and by 4 for 2 megapixel resolutions
 b) number of frames per second (fps) in 640x480, divide by 3 for megapixel resolutions and by 4 for 2 megapixel resolutions
 c) up to 24 TB available on request
 d) redundant power available on request
 e) depends on the hardware used for ProVision

	NVR 100	NVR 400	NVR 1600	NVR 3200	PROVISION INSTALL CD
Number of cameras max a)	4	10	30	50	e)
Per camera recording rate b)	12fps	12fps	12fps	12fps	12fps
Maximum recording rate	50fps	120fps	360fps	600fps	e)
Maximum storage capacity	1TB	2TB	4TB	8TB c)	e)
Hard disk(s)	Sata2	Sata2	Sata2, hotswap	Sata2, hotswap	Min. Sata2 300G recommended e)
CPU	Atom 330 1.6GHz	Core2Duo E8400 3.00GHz	Xeon E5420 2.5GHz	2 x Xeon E5420 2.5GHz	Intel Pentium4 2.8GHz min. recommended e)
FSB	533MHz	1333MHz	1333MHz	1333MHz	e)
Cores	2	2	4	2x4	e)
L2 Cache	1MB	6MB	12MB	2x12MB	e)
RAM	2GB 667MHz DDR2 Non-ECC	2GB 667MHz DDR2 Non-ECC	2GB 667MHz DDR2 ECC Fully Buffered Dual Rank x8	4GB 667MHz DDR2 ECC Fully Buffered Dual Rank x8	Compulsory minimum 2GB e)
RAID	-	SoftRaid 0 si ≥ 1.5TB	3ware PCI-E RAID5	3ware PCI-E RAID5	e)
IPMI	-	-	✓	✓	e)
CD/DVD burner	✓	✓	✓	✓	Recommended e)
Graphical server	✓	✓	Yes, text access only	Yes, text access only	Nvidia graphics card recommended e)
Format	Tower (horizontal and vertical)	Tower (horizontal and vertical)	19 inch rackable with rails	19 inch rackable with rails	e)
Power supply	Integrated 350W 80 Plus	Integrated 350W 80 Plus	600W full range AC input 1U ATX/EPS d)	600W full range AC input 2U ATX/EPS d)	e)
Dimensions	94 x 319 x 439 (mm)	94 x 319 x 439 (mm)	3U / 19" 133,5 x 465 x 660 (mm)	3U / 19" 133,5 x 465 x 660 (mm)	e)
Weight	6.8 Kg	6.8 Kg	~15Kg	~15Kg	e)