

**SS&W™ TR5000 and TR5001  
Network Video Servers**

## SS&W™ TR5000 Xeon™ Network Video Recorder

### Tower or Rackmount High Performance Network Video Recorder

SS&W TR Series Network Video Recorders are powerful Intel™ Server based systems, which can be installed as either pedestals or rack mount Network Video Recorder with any of today's most popular IP Video Software Solutions. With extreme Intel multi-core processing power, up to 10 TB of hot swap video storage and redundant power options, these servers are capable of handling high camera counts of up to 70+ cameras in one server.

With RAID technology provided by Intel™ and LSI™ these servers can overcome the long-standing issues of long term or indefinite video storage. Since SS&W RAID systems are capable of rebuilding their configurations with little intervention, hot swap drives can be configured as independent RAID arrays. Then when one array fills up, simply remove the drives and add low cost SATA replacement drives, and put the original drives away for safe, reliable, long term or indefinite storage.



The VS5000 Series Network Video Recorders are designed with superior Intel chassis for ultra quiet operation perfect for data center or security room where noise is a concern. This tool free service server comes standard with a powerful 830 W power supply with optional redundancy. Systems are preloaded with Disk Imaging software for fast recovery, SyAM Server Client software for proactive monitoring and remote service.

- **45nm Xeon Processors provide extreme power while consuming much less power**
- **Up to 10 TB of Raw Storage**
- **Upgrade operating systems, software and BIOS remotely**
- **Reduce on site service calls by 80%**
- **Hot Swappable Drives and RAID 1, 5, 10 or 50**



### System Benefits

<b>Reliability and Long Life - 100% High Quality Component Design</b>	Intel Chassis, Motherboard, Processors, RAID Controllers Kingston & Crucial Memory with Lifetime Warranties Western Digital & Seagate Hard Drives with 5 Year Warranty
<b>Integrated Proactive Monitoring</b>	Systems will E-mail or text message programmable alerts.
<b>Remote Administration, Maintenance &amp; Service</b>	Intel AMT™ systems reduce onsite visits.
<b>Remote Bios, Operating System and Software Upgrades</b>	Keep systems up to date without leaving the office.
<b>Integrated Power Management – Auto On Auto OFF</b>	Restart crashed or locked up applications remotely. Even power machines on which are powered off.
<b>Automatic Disk Imaging for Fast Recovery</b>	Completely recover from any type of failure in minutes.
<b>Built in Software and Hardware Asset Management</b>	Powerful reporting for one or thousands of systems.

	<b>Security Servers and Workstations</b> Equinunk, PA 1-862-209-0310 <a href="http://www.securityserversandworkstations.com">www.securityserversandworkstations.com</a>	

## TR5000 Series Network Video Recorder



With great reliability, wide-ranging scalability, strong manageability, the TC Series is a solid, cost-effective solution for a wide range of video and access control applications. The TC family supports SAS, SATA and SCSI drives for configuration and application flexibility. Applications needing maximum reliability, serviceability and uptime can benefit from the TC Series, which integrates fully redundant hot-swap power supplies and fans, and support for 4, 6, or 10 drive hot-swap SAS/SATA drives.

## Powerful Software – Added Value

Through partnerships with leading edge software manufacturers, SS&W strives to provide security integrators and IT departments with the very best workstations available today. **Syam Software** provides Remote Management products, which greatly reduce the need for onsite visits when coupled with SS&W's Intel IPMI and AMT enabled servers. Other powerful features such as power and asset management, a proactive alert management system and third-party software update and deployment tools make SS&W true Value Added Systems.

**Paragon Drive Backup** software provides disk-to-disk backup and drive imaging capabilities locally, to network storage device or offsite through secure FTP. Disk imaging can save thousands of dollars and precious time in the event of system failures. By getting security systems back online fast, SS&W helps you prove to your customers their security concerns are truly in the best hands.

	TR5000	TR5001
<b>Minimum CPU</b>	Single Intel Quad Core 45nm Xeon 2 GHZ	Dual Intel Quad Core 45nm Xeon 2 GHZ
<b>Memory</b>	2 GB ECC FBDIMM (up to 32MB)	4 GB ECC FBDIMM (up to 32MB)
<b>OS Hard Drives</b>	Mirrored RAID1 SAS or SATA	Mirrored RAID1 SAS or SATA
<b>Data Hard Drives</b>	Up to 10 SAS, SATA or SCSI	Up to 10 SAS, SATA or SCSI
<b>Hot Swap Enclosure</b>	4, 6 or 10 Drives	4, 6 or 10 Drives
<b>CD/DVD</b>	CD RW/ DVD RW	CD RW/ DVD RW
<b>RAID Controller</b>	Integrated HW RAID – 256 MB	Integrated HW RAID – 256 MB
<b>Network</b>	2 x Intel® PRO/1000 EB Ethernet connections with Intel® I/O Acceleration Technology (Intel® I/OAT)	2 x Intel® PRO/1000 EB Ethernet connections with Intel® I/O Acceleration Technology (Intel® I/OAT)
<b>Video</b>	Integrated 16 MB	Integrated 16 MB
<b>Integrated management type</b>	IPMI 2.0-compliant onboard platform Intel® System Management Software 1.0	IPMI 2.0-compliant onboard platform Intel® System Management Software 1.0
<b>OS</b>	Windows Server 2003 or 2008	Windows Server 2003 or 2008
<b>Front Cover</b>	Lockable	Lockable
<b>Toolless Features</b>	Peripheral bays, fixed hard drive bay, hot-swap bays, system fan, PCI slots	Peripheral bays, fixed hard drive bay, hot-swap bays, system fan, PCI slots
<b>Cooling System</b>	Includes two system fans plus one power-supply fan	Includes two system fans plus one power-supply fan
<b>Power Supply</b>	830 W PFC	Redundant 830 W PFC
<b>Dimensions</b>	17.5" (445mm) x 8.6" (218mm) x 26.9" (683mm)	17.5" (445mm) x 8.6" (218mm) x 26.9" (683mm)
<b>Environment</b>		
<b>Ambient Temperature</b>	Operating: +10°C to +35°C; Non-operating: -40°C to +70°C	Operating: +10°C to +35°C; Non-operating: -40°C to +70°C
<b>Relative Humidity</b>	Non-operating: 95% @ +30°C non-condensing	Non-operating: 95% @ +30°C non-condensing

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