

SS&W™ TR2000 Core2 Quad™ 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 Recorders with any of today's most popular IP Video Software Solutions. With extreme Intel multi-core processing power, up to 6 TB of hot swap video storage and redundant power options, the TR2000 servers are capable of handling high camera counts of up to 24+ 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 VS2000 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 server comes standard with a powerful 670 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.



- **Core2 Quad™ Processors provide extreme power while consuming much less power**
- **Up to 6 TB of Raw Video 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

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

	Security Servers and Workstations	
	Equinunk, PA 1-862-209-0310	
	www.securityserversandworkstations.com	

TR2000 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 TR family supports SAS and SATA drives for configuration and application flexibility. Applications needing maximum reliability, serviceability and uptime can benefit from the TR Series, which integrates fully redundant hot-swap power supplies and fans, and support for 2, 4, or 6 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.

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.

	TR2000	
Minimum CPU	Single Intel Core 2 Quad 2.4 GHZ	
Memory	2 GB RAM DDR2 667FSB (up to 8 GB)	
OS Hard Drives	Mirrored RAID1 SAS or SATA	
Data Hard Drives	Up to 6 SAS, SATA or SCSI	
Hot Swap Enclosure	6 Hot Swap Drive Bays (DATA) 2 Hot Swap Drive Bays (OS)	
CD/DVD	CD RW/ DVD RW	
RAID Controller	Integrated LSI Mega Raid 0, 1, or 5	
Network	Intel® PRO/1000 EB Ethernet connections with Intel® I/O Acceleration Technology (Intel® I/OAT)	
Video	Intel® 82Q965 Graphics Memory Controller Hub (GMCH)	
Integrated management type	Intel™ AMT 2.0, vPro Compliant	
OS	Windows XP Pro or Vista Business	
Front Cover	Lockable	
Toolless Features	Peripheral bays, fixed hard drive bay, hot-swap bays, system fan, PCI slots	
Cooling System	Includes two system fans plus one power-supply fan	
Power Supply	670 W PFC	
Dimensions	17.5" (445mm) x 8.6" (218mm) x 26.9" (683mm)	
Environment		
Ambiant Temperature	Operating: +10°C to +35°C; Non-operating: -40°C to +70°C	
Relative Humidity	Non-operating: 95% @ +30°C non-condensing	

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