

SS&W™ TR3000
Network Video Servers

SS&W™ TR3000 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 6 TB of hot swap video storage and redundant power options, these servers are capable of handling high camera counts of up to 48 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 TR3000 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 550 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.



- **65nm Xeon Processors provide extreme power while consuming much less power**
- **Up to 6 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

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 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	

TR3000 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 up to 6 drives 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.

	TR3000M
Minimum CPU	X3210 8 MB L2 Cache 2.13 GHz 1066 MHz FSB
Memory	2 GB ECC FBDIMM 667MHz (up to 32MB) Lifetime Warranty
OS Hard Drives	160 GB SATA RAID Enabled with 5-year Warranty
Data Hard Drives	Up to Six 1 TB SATA RAID Enabled with 5-year Warranty
Hot Swap Enclosure	6 Hot Swap Drives
CD/DVD	CD RW/ DVD RW
RAID Controller	Eight independent Serial ATA ports supporting SATA II connections at 1.5 Gb/sec and 3.0 Gb/sec
Network	2 x Intel® PRO/1000 EB Ethernet connections with Intel® I/O Acceleration Technology (Intel® I/OAT)
Video	Integrated 16 MB
Integrated management type	IPMI 2.0-compliant onboard platform Intel® System Management Software 1.0
OS	Windows™ XP Pro
Front Cover	Lockable
Tool less 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	Redundant 550W PFC
Dimensions Pedestal	17.8" (452 mm) x 9.256" (235 mm) x 19" (483 mm)
Dimensions Rack Mount	9.256" (235 mm) x 17.6" (447 mm) x 19" (483 mm)
Ambient 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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