

505 Series

SecurOS® Analytics NVRs



Optimized
for SecurOS®
Video Analytics



Intel® Core™
13th Generation
Processor



Up to 40TB Raw
Data Storage



M.2 NVMe
SSD OS Drive



Upgrade to NVIDIA®
Graphics Card
for GPU Processing



2 Supported
Form Factors:
SFF and Tower



Windows 11 Pro

Provides Scalable, Secure, and Robust platforms for end-to-end security solutions.

The ISS NVR line provides scalable, secure, and robust platforms for end-to-end security solutions. It is optimized to run our industry-leading SecurOS® Video Intelligence Platform and designed for small- to large-scale deployments with large camera counts and bandwidth requirements in mind. Additionally, the NVRs are engineered to efficiently run ISS video analytics modules and to support SAN/NAS expansions.

The SecurOS® Analytics 505 Series server line offers enterprise network video servers designed to run ISS video analytics modules. The 505 Series models support running ISS analytics in a low to medium capacity. These NVRs come with the 13th generation Intel® Core™ i7

processors to provide high-end performance and fast processing. In addition, the 505 Series models offer up to 40TB of storage, have two supported form factors, and offer a number of extended support options. These NVRs provide a complete video management, recording, and viewing solution in a single unit, to easily deploy a unified system combining video surveillance and ISS video analytics.

Best in class components with a warranty to match, the SecurOS® NVR is designed to give you the power you need with the performance you can rely on. ISS tests, tunes, and guarantees that each NVR endures the toughest installations.



Enterprise Video & Analytics
Servers Designed for Your
Security and Business Needs.

ISS | INTELLIGENT VIDEO. DEFINED.®

For more information visit our website:
www.issivs.com

Specifications

System		
	SFF	Tower
Windows	Windows 11 Pro Windows Server 2022 (optional)	Windows 11 Pro Windows Server 2022 (optional)
CPU	Intel® Core™ i7-13700 (16 Cores, 24 Threads)	Intel® Core™ i7-13700K (12 Cores, 20 Threads)
RAM	16GB (2 x 8GB) DDR5	16GB (2 x 8GB) DDR5
OS Drive	1 x 256GB M.2 NVMe SSD	1 x 256GB M.2 NVMe SSD
Max. Data Storage	Up to 20TB RAW (1 x 20TB, SATA Drives)	Up to 40TB Raw (2 x 20TB, SATA Drives)
Network	2 x 1 GbE NIC	2 x 1 GbE NIC
GPU	Intel® UHD Graphics 770	Intel® UHD Graphics 770
Video Outputs	1 x DisplayPort 1 x HDMI	2 x DisplayPorts 1 x VGA
USB	Front: 2 x USB 3.1 Gen 1; 2 x USB 2.0 Rear: 2 x USB 3.1 Gen 1; 2 x USB 2.0	Front: 2 x USB 3.2 Type A Gen2; 2 x USB 3.2 Type C Gen2 Rear: 2 x USB 2.0 Type A; 2 x USB 3.2 Type A Gen2; 2 x USB 3.2 Type A Gen1
Warranty	5-Year Next Business Day, Onsite Warranty	5-Year Next Business Day, Onsite Warranty
Accessories included	USB Keyboard, Mouse	USB Keyboard, Mouse

Mechanical / Environmental		
Form Factor	Small Form Factor	Tower
OS Drive Bays	1 x M.2 SSD	1 x M.2 SSD
Data Drive Bays	1 x 3.5"	3 x 3.5"
Power Supply	200W	850W
AC Input VAC Freq.	100 VAC to 240 VAC	100 VAC to 240 VAC
Operating Temperature	41°F to 95°F (5°C to 35°C)	32°F to 95°F (0°C to 35°C)
Operating Humidity	20% to 80% (non-condensing)	10% to 80% (non-condensing)
Dimensions (WxDxH)	3.7" x 11.5" x 11.4" (97mm x 292mm x 290mm)	6.89" x 17.12" x 14.17" (175mm x 434.8mm x 359.9mm)
Max. Weight	11.42 lbs (5.14 kg)	20.06 lbs (9.10 kg)
Safety and Emissions	Energy Star, CEC, CECP, FCC, UL	Energy Star, CEC, CECP, FCC, UL

Ordering Information	
NVR (SFF) Part Numbers	SOS-NVR-505-4T-S, SOS-NVR-505-8T-S, SOS-NVR-505-12T-S, SOS-NVR-505-20T-S
NVR (Tower) Part Numbers	SOS-NVR-505-4T-T, SOS-NVR-505-8T-T, SOS-NVR-505-12T-T, SOS-NVR-505-20T-T, SOS-NVR-505-32T-T, SOS-NVR-505-40T-T
NVR Add-On Options	SOS-NVR-505-GPU-A2000: NVIDIA Quadro RTX A2000 12GB GPU (1 per server, Tower units only) SOS-NVR-505-GPU-A4000: NVIDIA Quadro RTX A4000 16GB GPU (1 per server, Tower units only)



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