ISS

505 Series

SecurOS® Analytics NVRs

5 Year Warranty · 5 Year Warranty · 5 Year Warranty

| Optimized for SecurOS® Video Analytics | Intel® Core™ 14th 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 14th 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 three 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.

Specifications

System

	SFF	Tower
Windows	Windows 11 Pro	Windows 11 Pro
CPU	Intel® Core™ i7-14700 (20 Cores, 28 Threads)	Intel® Core™ i7-14700K (20 Cores, 28 Threads)
RAM	16GB (2 x 8GB) DDR5	32GB (4 x 8GB) DDR5
OS Drive	1 x 256GB M.2 NVMe SSD	1 x 512GB 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	3 x DisplayPort	2 x DisplayPorts 1 x VGA
USB	**Front:** 1 x USB 3.2 Gen 2; 1 x USB 3.2 Gen 2x2 Type-C; 2 x USB 2.0 **Rear:** 3 x USB 3.2 Gen 1; 1 x USB 3.2 Gen 2; 2 x USB 2.0	**Front:** 2 x USB 3.2 Gen 1; 1 x USB 3.2 Gen 2 Type-C; 1 x USB 3.2 Gen 2x2 Type-C **Rear:** 2 x USB 2.0; 2 x USB 3.2 Gen 2; 2 x USB 3.2 Gen 2 Type-C
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

	SFF	Tower
Form Factor	Small Form Factor	Tower
OS Drive Bays	1 x M.2 SSD	3 x M.2 SSD
Data Drive Bays	1 x 3.5"	3 x 3.5"
Power Supply	260W (*300W on select models*)	1000W
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)	3.64" x 11.52" x 11.41 (92.6mm x 292.8mm x 290.0mm)	6.81" x 16.54" x 14.68" (173.0mm x 420.2mm x 372.9mm)
Max. Weight	12.38 lb (5.62 kg)	35.38 lb (16.05 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)*

ISS | INTELLIGENT VIDEO. DEFINED.®

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