

# 510 Series

## SecurOS® Analytics Servers



Optimized  
for SecurOS®  
Video Analytics



Powerful  
Intel® Xeon®  
Silver Processor



Up to 120TB Raw  
Data Storage



(2) SSD OS  
Drives (RAID1)



Redundant  
Power Supplies



Upgrade to NVIDIA®  
Graphics Card  
for GPU Processing



Windows 11 Pro /  
Windows Server 2022

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

The ISS server 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 servers are engineered to efficiently run ISS video analytics modules and to support SAN/NAS expansions.

The SecurOS® Analytics Server 510 Series offers enterprise network video servers designed to run ISS video analytics modules. The 510 Series models support running ISS analytics in a low to medium capacity. These servers use Intel's latest generation processors

to provide high-end performance and fast processing. In addition, the 510 Series models offer up to 120TB of storage, have redundant power supplies, and offer a number of extended support options. These servers provide a complete video management, recording, and viewing solution in a single unit, to easily deploy a unified system combining video surveillance, access control, and ISS video analytics.

Best in class components with a warranty to match, the SecurOS® Servers are designed to give you the power you need with the performance you can rely on. ISS tests, tunes, and guarantees that each server 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](http://www.issivs.com)

# Specifications

LAST UPDATED: Oct. 9th 2023

System	
Windows	Windows 11 Pro Windows Server 2022 (optional)
CPU	Intel® Xeon® Silver 4210 (10 Cores, 20 Threads)
RAM	32GB (4 x 8GB) DDR4
OS Drive	2 x 512GB M.2 NVMe SSD (RAID1)
Max. Data Storage	Up to 120TB Raw (6 x 20TB, SATA Drives)
RAID	JBOD, 0, 1, 5, 6, 10
RAID Controller	PERC H740P
Network	4 x 1GbE NIC
GPU	Integrated Matrox G200eW3 NVIDIA® RTX™ A2000 (Optional) NVIDIA® RTX™ A4000 (Optional)
Video Outputs	1 x VGA
USB	<b>Front:</b> 2 x USB 2.0; <b>Rear:</b> 2 x USB 3.0
Remote Management	iDRAC Express
Warranty	5-Year Next Business Day, Onsite Warranty (Keep Your Own Hard Drives)
Accessories included	Rail Kit

Mechanical / Environmental	
Form Factor	2U Rackmount
OS Drive Bays	2 x 3.5" Hot Swap
Data Drive Bays	6 x 3.5" Hot Swap
Power Supply	2 x 1100W Hot Swap
AC Input VAC Freq.	100 VAC to 240 VAC, 50/60 Hz, Autoranging
Operating Temperature	50°F to 95°F (10°C to 35°C)
Operating Humidity	5% to 90% (non-condensing)
Dimensions (WxDxH)	17.1" x 29.78" x 3.41" (434.4mm x 756.5mm x 86.8mm)
Max. Weight	63 lbs (28.6 kg) Fully Populated
Safety and Emissions	Energy Star, CEC, CECP, FCC, UL

Ordering Information	
Server Part Numbers	SOS-NVR-510, SOS-NVR-510-12T, SOS-NVR-510-24T, SOS-NVR-510-32T, SOS-NVR-510-40T, SOS-NVR-510-48T, SOS-NVR-510-60T, SOS-NVR-510-72T, SOS-NVR-510-96T, SOS-NVR-510-120T
Server Add-On Options	SOS-NVR-510-WIN22: <i>Upgrade from Windows 11 Pro to Windows Server 2022 Standard</i> SOS-NVR-510-GPU-A2000: <i>NVIDIA Quadro RTX A2000 12GB GPU (Up to 1)</i> SOS-NVR-510-GPU-A4000: <i>NVIDIA Quadro RTX A4000 16GB GPU (Up to 2)</i>



ISS | INTELLIGENT VIDEO. DEFINED.®

Copyright © 2023, ISS Corp. All rights reserved.  
Specifications in this document are subject to change.

Sales Inquiries  
sales@issivs.com

Partner Portal  
support.issivs.com