

198 Series

SecurOS® Rugged NVRs



Designed for SecurOS® Video Intelligence Platform



Intel® Core™ 12th Generation Processor



Up to 7.68TB SSD Raw Data Storage



(4) 2.5 GbE POE Ports



Wide Temp range: -25°C to +60°C



EMC Compliance: CE/FCC Class A, according to EN 55032 & EN 55035



Windows 11 Pro

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

The SecurOS® Rugged NVR Series is designed to accommodate installations for harsh environments and provide a comprehensive product offering that is flexible and versatile for a variety of applications. The applications ideal for the SecurOS® Rugged Series include environments that require wider operating temperatures, vibration, and shock endurance, along with EMC certifications. These NVRs are ideal for industries such as military, industrial, aerospace and power stations when used in harsh environments and remote locations.

The rugged NVRs are powered by the industry-leading SecurOS® Video Intelligence Platform, and are

designed for video recording as well as running the SecurOS® AI Analytics modules. The NVRs offer a fanless embedded solution powered by 12th Generation Intel® processors for high level performance. The SecurOS® Rugged Series delivers the right solutions to support projects with special environmental and performance requirements for harsh conditions.

Best in class components with a warranty to match, the SecurOS® Rugged 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

Windows	Windows 11 Pro
CPU	SOS-RGD-198-I3: Intel® Core™ i3-12100 SOS-RGD-198-I5: Intel® Core™ i5-12400 SOS-RGD-198-I7: Intel® Core™ i7-12700
RAM	SOS-RGD-198-I3: 8GB SOS-RGD-198-I5: 16GB (2 x 8GB) SOS-RGD-198-I7: 16GB (2 x 8GB)
OS Drive	1 x 250GB NVMe
Max. Data Storage	Up to 7.68TB SSD
Video Outputs	1 x DisplayPort 1 x VGA
GPU	Intel® UHD 770
Network	2 x 1 GbE LAN ports 4 x 2.5 GbE POE ports
USB	4 x USB 3.2 Gen1 2 x USB 2.0
Warranty	3-Year Parts Warranty

Mechanical / Environmental

Form Factor	Small Rugged
OS Drive Bays	1 x M.2 NVME SSD
Data Drive Bays	1 x SATA SSD Bay
Power Supply	1 x 280W AC/DC Power Adapter
Operating Temperature	-25°C to 60°C
Operating Humidity	10% to 90% (non-condensing)
Dimensions (WxDxH)	9.45" x 6.49" x 2.48" (240mm x 165mm x 63mm)
Max. Weight	5.5 lbs (2.5 kg)
Vibration Rating	Operating, MIL-STD-810G, Method 514.6, Category 4
EMC	CE/FCC Class A, according to EN 55032 & EN 55035

Ordering Information

NVR Part Numbers	SOS-RGD-198-I3, SOS-RGD-198-I5, SOS-RGD-198-I7
NVR Add-on Options	SOS-RGD-198-M2-256G, SOS-RGD-198-M2-512G, SOS-RGD-198-M2-1T, SOS-RGD-198-M2-2T, SOS-RGD-198-M2-4T, SOS-RGD-198-M2-8T

