

# ASSURANCE 300 SERIES NETWORK VIDEO RECORDER

PROFESSIONAL COMMERCIAL VIDEO STORAGE APPLIANCE



The Seneca Experience puts the integrator first through innovation. We use decades of experience to accommodate our partners from planning and deployment to monitoring and post-sale support.

Designed with best-in-class enterprise components, this appliance and mission-critical projects go hand-in-hand. High throughput and performance balance your camera load while scalable architecture keeps stride with your retention requirements.

## KEY FEATURES

- Comes standard with xConnect and Experience Launcher technology
- Five-year global next-day, on-site service warranty
- Up to 168 TB of raw storage retention
- RAID options 0, 1, 5, 6, 10
- Tested, validated and certified with top VMS applications
- Provides 300-400 Mbps recording rate performance optimized for specific VMS

## THE SENECA DIFFERENCE

### **xCONNECT** *Remote Management Platform*

Seneca's exclusive xConnect platform puts you in complete control of your security hardware with an easy-to-use dashboard that allows you to audit, manage and act remotely. Instant alerts report problems before customers do, making you more proactive. Off-site control means less truck rolls and more profitability.

### **maestro** *Installation Management Solution*

Also standard with all Seneca NVRs, maestro gets your optimized system up and running in minutes instead of hours. We channeled years of value engineering into an intuitive dashboard that eliminates hundreds of keystrokes. You don't even need an internet connection or data transfer from external drives.



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## SPECIFICATIONS

### SYSTEM

<b>Processor</b>	Intel® Xeon® Silver Processor Family
<b>Operating System</b>	Windows Server 2016; Windows10 IoT
<b>Manufacturer</b>	Seneca
<b>Memory</b>	<b>Default:</b> 32 GB (4 x 8GB) DDR4 2666MHz ECC configured in Quad-Channel Mode <b>Option:</b> 48 GB (6 x 8GB) DDR4 2666MHz ECC configured in Six-Channel Mode
<b>Maximum Data Storage</b>	Up to 168TB RAW
<b>Video Outputs</b>	VGA
<b>Graphics</b>	Onboard graphics
<b>Networking</b>	4 x 1GbE with optional 10GbE SFP+
<b>USB</b>	Front: 1 x USB 2.0; Rear: 2 x USB 3.0
<b>Expansion Slots</b>	H840 Storage Expander; Connect up to 4 JBOD Expansion Chassis @ 96TB each
<b>RAID</b>	Operating System RAID: 2 x 240GB SSD (RAID 1) Data RAID Level: PERC H730P JBOD, 0, 1, 5, 6, 10
<b>High Speed Live Drive</b>	2 or 4 x 1.2TB 10K SAS Option*
<b>NVR Hardware Monitoring</b>	Pre-Installed with Seneca xConnect Server Agent; iDRAC 9 Basic
<b>Warranty</b>	5 Year Global Next Day, Onsite Warranty Standard

### MECHANICAL

<b>Form Factor</b>	2U Rackmount
<b>OS Drive Bays</b>	2 x M.2 BOSS PCIe Card
<b>Data Drive Bays</b>	Up to 12 x 3.5" Hot Swappable
<b>Power Supply</b>	1+1 750W hot plug redundant 80+ Platinum
<b>Ambient Operating Temp</b>	10°C to 35°C (50°F to 95°F)
<b>Operating Humidity</b>	5% - 90% non-condensing
<b>Dimensions (w x h x d)</b>	17.08 x 3.4 x 27.86 in / 434 x 86 x 708 mm
<b>Weight</b>	71.5 lbs / 32.5 kg fully populated

\*Live Drive Configurations are available up to 120TB of raw local archive storage within a single chassis due to drive bay requirements



Specifications are subject to change, contact your account representative for current configuration.  
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