

## XVAULT XNVR PRODUCT GUIDE

The xVault xNVR product line has been custom configured to support leading video management software platforms to ensure xVault appliances reach their maximum performance. With guaranteed software and hardware platforms, Seneca continues to improve and simplify installation and design quality products. The xNVR product line supports single site, simple installations with the xNVR100 product line all the way up to multi-site, high performance surveillance projects with the xNVR400 line. Explore the product lines below to see which xNVR line will best fill the need for your next project.

### XVAULT XNVR100

#### Up to 100Mbps of Throughput

The xVault xNVR100 is a series of small form factor for entry level, low camera count security deployments. This appliance combines simplicity with a robust, ready to use solution with seamless installation with VMS platforms and leading camera manufacturers.

### XVAULT XNVR150

#### 100–150Mbps of Throughput

The xVault xNVR150 provides customers with high definition IP recording for single and remote site locations that require additional throughput. This video surveillance appliance is equipped with enterprise class components and provides excellent performance for small security and surveillance deployments.

### XVAULT XNVR200

#### 150–250Mbps of Throughput

The xVault xNVR200 was designed for professional grade surveillance deployments. The flexibility of this line allows users to scale video storage based on the requirements of each video surveillance installation.

### XVAULT XNVR300

#### 250–350Mbps of Throughput

The xVault xNVR300 Series are enterprise network video recorders engineered for mid to large scale surveillance deployments that require exceptional throughput performance. The xNVR300 Series is fully customizable with a wide range of options including processor, memory, storage, and optical drive.

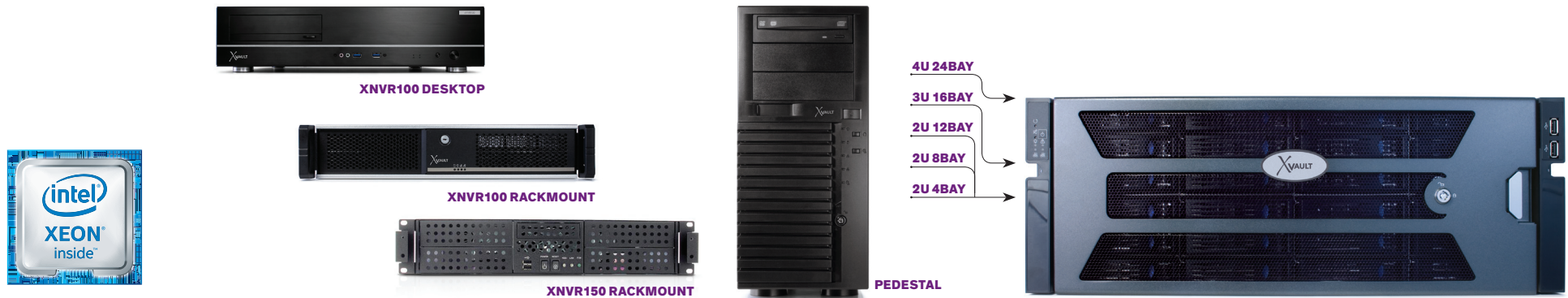
### XVAULT XNVR400

#### 350Mbps+ of Throughput

The xVault XNVR400 Series are high performance NVRs engineered for large security deployments. Supporting two Intel® Xeon® Processor E5 Series, this system is armed with xVault Unified Storage technology with the capability to hold up to 144TB.

# XNVR PRODUCT LINE

SYSTEM	XNVR100	XNVR150	XNVR200	XNVR300	XNVR400
<b>Processor</b>	4th gen Intel® Core™ Processor Family Intel® Pentium® Processor	Intel® Xeon® Processor E3 Series 4th gen Intel® Core™ i3 Processor	Intel® Xeon® Processor E3 Series	Intel® Xeon® Processor E5 Series	2 x Intel® Xeon® Processor E5 Series
<b>Operating System</b>	Windows Embedded Enterprise 7	Windows Server® 2012 R2 Windows Server® 2008 R2 Windows Embedded Enterprise 7	Windows Server® 2012 R2 Windows Server® 2008 R2 Windows Embedded Enterprise 7	Windows Server® 2012 R2 Windows Server® 2008 R2 Windows Embedded Enterprise 7	Windows Server® 2012 R2 Windows Server® 2008 R2 Windows Embedded Enterprise 7
<b>Memory</b>	Up to 16GB DDR3 1600MHz	Up to 16GB DDR3 1600MHz	Up to 16GB DDR3 1333MHz ECC Unbuffered	Up to 64GB DDR4 2133MHz ECC Registered	Up to 128GB DDR4 2133MHz ECC Registered
<b>Maximum Raw Storage</b>	Up to 16TB	Up to 32TB	Up to 192TB	Up to 192TB	Up to 192TB
<b>Optical Drive</b>	Optional DVDRW Drive	Optional DVDRW Drive	Optional DVDRW Drive	Optional DVDRW Drive	Optional DVDRW Drive
<b>Networking</b>	1 x 1Gb LAN Ports Standard Up to 4 Additional 1Gb LAN Ports	2 x 1Gb LAN Ports Standard Up to 4 Additional 1Gb LAN Ports	2 x 1Gb LAN Ports Standard Up to 4 Additional 1Gb LAN Ports	2 x 1Gb LAN Ports Standard Up to 4 Additional 1Gb LAN Ports Up to 1 Additional 10Gb LAN Port	2 x 1Gb LAN Ports Standard Up to 4 Additional 1Gb LAN Ports Up to 1 Additional 10Gb LAN Port
<b>Video Outputs</b>	HDMI, DVI-D, VGA, DisplayPort, Optional Discrete Video Card	2 x DVI / VGA	2 x DVI / VGA	2 x DVI / VGA	2 x DVI / VGA
<b>RAID</b>	N/A	OS RAID	RAID 1	RAID 1	RAID 1
<b>RAID Level Support Options<sup>1</sup></b>	N/A	0, 1, 5, 10, JBOD	0, 1, 5, 6, 10, 50, 60, JBOD	0, 1, 5, 6, 10, 50, 60, JBOD	0, 1, 5, 6, 10, 50, 60, JBOD
<b>xConnect Software</b>	N/A	N/A	Included	Included	Included
<b>Warranty</b>	3 Year, Next Day, Onsite Server Warranty Optional 5 Year Next Day, Onsite Warranty	3 Year, Next Day, Onsite Server Warranty Optional 5 Year Next Day, Onsite Warranty	3 Year, Next Day, Onsite Server Warranty Optional 5 Year Next Day, Onsite Warranty	3 Year, Next Day, Onsite Server Warranty Optional 5 Year Next Day, Onsite Warranty	3 Year, Next Day, Onsite Server Warranty Optional 5 Year Next Day, Onsite Warranty
<b>Form Factor</b>	Desktop, Rackmount	xNVR150 Pedestal, xNVR150 Rackmount	Pedestal, 2U, 3U, 4U	Pedestal, 2U, 3U, 4U	Pedestal, 2U, 3U, 4U



See our web site for chassis images.

MECHANICAL	XNVR100 DESK.	XNVR100 RACK.	XNVR150 PED.	XNVR150 RACK.	XNVR200 PED.	PEDESTAL	2U 4BAY	2U 8BAY	2U 12BAY	3U 16BAY	4U 24BAY
<b>Form Factor</b>	Desktop	Rackmount	Rackmount	Rackmount	Pedestal	Pedestal	2U	2U	2U	3U	4U
<b>OS Drive Bays</b>	1 x mSATA	1 x 2.5"	1 x 3.5"	1 x 3.5"	2 x 3.5"	2 x 3.5"	2 x 3.5"	2 x 2.5"	2 x 2.5"	2 x 2.5"	2 x 2.5"
<b>Data Drive Bays</b>	2 x 3.5" Fixed, Internal	2 x 3.5" Fixed, Internal	4 x 3.5" Fixed, Internal	4 x 3.5" Fixed, Internal	4 x 3.5" Hot-Swappable	4 x 3.5" Hot-Swappable	4 x 3.5" Hot-Swappable	8 x 3.5" Hot-Swappable	12 x 3.5" Hot-Swappable	16 x 3.5" Hot-Swappable	24 x 3.5" Hot-Swappable
<b>AC Input VAC Freq</b>	50 ~ 60 Hz	50 ~ 60 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz	47 ~ 63 Hz
<b>Dimensions (w x h x d)</b>	17.2 x 4.3 x 15.6 in.	16.9 x 3.5 x 18 in.	7.8 x 17.3 x 19.4 in.	19 x 3.5 x 22.7 in.	7.8 x 17.3 x 19.4 in.	7.8 x 17.3 x 22 in.	19 x 3.5 x 22.7 in.	19 x 3.5 x 27.5 in.	19 x 3.5 x 27.5 in.	19 x 5.25 x 27.5 in.	19 x 7 x 27.5 in.

<sup>1</sup> RAID Level configuration to be specified at time of order  
All products have an ambient operating temperature at 0°C(32°F) ~ 35°C(95°F) and an operating humidity at 5% ~ 95% non-condensing.