



<h2>VideoX V2 R8P</h2> <p>Rackmount Model 64 Cameras</p> 	<h2>VideoX V2 R12P</h2> <p>Rackmount Model 32-128 Cameras</p> 
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">96TB</div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">75</div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 60px; text-align: center;">1240Mb</div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 60px; text-align: center;">16820</div> </div> <p>Max Storage Max Cameras Throughput Passmark</p>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 60px; text-align: center;">168TB</div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 40px; text-align: center;">150</div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 60px; text-align: center;">1748Mb</div> <div style="border: 1px solid orange; border-radius: 10px; padding: 5px; width: 60px; text-align: center;">16820</div> </div> <p>Max Storage Max Cameras Throughput Passmark</p>

VideoX V2 R8P NVR		VideoX V2 R12P NVR
Intel® Xeon W™ 1250 4.0 Ghz CPU 6 Core /12 Thread 12M cache	Processing	Intel® Xeon W™ 1250 4.0 Ghz CPU 6 Core /12 Thread 12M cache
16GB ECC DDR4 DRAM 2933 - Dual Bank	Memory	16GB ECC DDR4 DRAM 2933 - Dual Bank
4-8x Enterprise 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5 M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video Storage	8-12x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5 M MTBF. 600k Duty Cycle, Certified 24/7 Operation
480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
Dual Intel 1Gbit Ethernet RJ45 + 1Gb IPMI	Networking	Dual Intel 1Gbit Ethernet RJ45 + 1Gb IPMI
Hardware RAID 5 Fault Tolerance w/ HW XOR Engine	RAID	Hardware RAID 5 or 6 Fault Tolerance w/ HW XOR Engine
Intel UHD P630 QuickSync GPU w/ GPU Tuned FW & Services	GPU	Intel UHD P630 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)
Microsoft Windows 10 Enterprise IoT LTSC 2019	OS	Microsoft Windows 10 Enterprise IoT LTSC 2019
550W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	Power	550W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz
Standard 19" Rackmount w/Rails 2U height 444mm(W) x 87.6mm(H) x 670mm(D) 17.5"(W) x 3.5"(H) x 26.7"(D) Ship Weight W/ 8x HDDs = 35k/80lbs	Physical	Standard 19" Rackmount w/Rails 2U height 444mm(W) x 87.6mm(H) x 670mm(D) 17.5"(W) x 3.5"(H) x 26.7"(D) Ship Weight W/ 12x HDDs = 40k/87lbs
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	Warranty	3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)
8x front accessible HDD's, 1x SSD, Redundant Power Supplies, Fans	Hot-Swap	12x front accessible HDD's, 1x SSD Redundant Power Supplies, Fans
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB/Serial	1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)
Milestone XProtect, Avigilon ACC7 or OnSSI Ocularis 5 Pre-loaded, GPU Active & Performance tuned.	VMS	Milestone XProtect, Avigilon ACC7 or OnSSI Ocularis 5 Pre-loaded, GPU Active & Performance tuned
Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, Trap Receiver, System Power Control, HDD & SSD Management, System Diagnostic (w/ Super Diagnostics Offline), IPv6, Serial-over-LAN, Boot Override, Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring	Management	Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, Trap Receiver, System Power Control, HDD & SSD Management, System Diagnostic (w/ Super Diagnostics Offline), IPv6, Serial-over-LAN, Boot Override, Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring



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SEAGATE



VideoX WS32-4 Tower Workstation Client Viewing Platform		VideoX WS64-4 Tower Workstation Client Viewing Platform	
			
Quad HD Monitors	16GB DRAM	P2200 GPU	32 HD Streams
Quad HD Monitors	16GB DRAM	PR4000 GPU	64 HD Streams
VideoX Client Workstation 32		VideoX Client Workstation 64	
Intel® Core™ i5-10600 3.2Ghz Processor 6 Core, 10th Generation	Processing	Intel® Core™ i7-10700 3.1Ghz Processor 8 Core, 10th Generation	
16GB DDR4 DRAM (upgradeable to 32GB)	Memory	16GB DDR4 DRAM (upgradeable to 32GB)	
500GB V-NAND Flash SSD Optimized Read/Write	System Storage	500GB V-NAND Flash SSD Optimized Read/Write	
1Gbit Ethernet RJ45 Copper ports	Networking	1Gbit Ethernet RJ45 Copper port	
Quad HD Monitor Support (Monitors not included)	Monitors	Quad HD Monitor Support (Monitors not included)	
Supports up to 32 simultaneous, (32x 1080P, 30FPS videos. lower quality videos can have more streams)	Streams	Supports up to 64 simultaneous, (64x 1080P, 30FPS videos. lower quality videos can have more streams)	
Nvidia Quadro P2200 GPU card, 2800 Cuda Cores, 8GB Memory, 6x processing power, 1600Mhz Boost Clock	GPU	Nvidia Quadro RTX P4000 GPU card, 4200 Cuda Cores, 8GB Memory, 11x processing power, 2000Mhz Boost Clock	
Microsoft Windows 10 Enterprise IoT LTSC 2019	OS	Microsoft Windows 10 Enterprise IoT LTSC 2019	
600W Output @ 100-240V, 4-7.5A, 50-60Hz (non hot swap)	Power	600W Output @ 100-240V, 4-7.5A, 50-60Hz (non hot swap)	
460mm (D) x 211mm (W) x 455mm (H)	Physical	460mm (D) x 211mm (W) x 455mm (H)	
VideoX Client Workstation 32		VideoX Client Workstation 64	
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	Warranty	3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	
3 x 3.0, USB Ports, 1x Serial RS232	USB/Serial	3 x 3.0, USB Ports, 1x Serial RS232	
DVDRW SATA Slimline Video Export Drive (external)	Optical	DVDRW SATA Slimline Video Export Drive (external)	
4x DisplayPorts 1.4 Supports quad 4K Monitor	Video Display	3x DisplayPorts 1.4 and 1x VirtualLink DisplayPort Supports quad 4K Monitor	
Milestone XProtect, Avigilon ACC or ONSSI Ocularis Clients	VMS	Milestone XProtect, Avigilon ACC or ONSSI Ocularis Clients	



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