

VideoX V2 R4P

1U Rackmount Model 50 Cameras



72TB Max Storage
50 Max Cameras
650Mb Throughput
16820 Passmark

VideoX V2 R12P

2U Rackmount Model 150 Cameras



168TB Max Storage
150 Max Cameras
1748Mb Throughput
16820 Passmark

VideoX V2 R4P 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
4x 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
250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	250GB 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, (Can Upgrade to 2x 10GbE RJ45+ 2x 1GbE)
Hardware RAID 5 Fault Tolerance w/ HW XOR Engine	RAID	Hardware RAID 5 or 6 Fault Tolerance w/ HW XOR Engine, w/ battery backed cache protection
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	OS	Microsoft Windows 10 Enterprise IoT LTSC
450W 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/slide Rails 1U height 444mm(W) x 43.8mm(H) x 670mm(D) 17.5"(W) x 1.75"(H) x 26.7"(D) Ship Weight W/ 4x HDDs = 28k/70lbs	Physical	Standard 19" Rackmount w/slide 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)
4x front accessible HDD's., 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



Videox V2 R4V

1U Short Rackmount Model 35 Cameras



36TB Max Storage	35 Max Cameras	350Mb Throughput	9340 Passmark
----------------------------	--------------------------	----------------------------	-------------------------

Videox V2 R4V NVR		
Intel® Core™ i3-10 3.7Ghz Processor 4 Core/8 Threads , 10th Generation	Processing	
16GB ECC DDR4 DRAM 2933 - Dual Bank	Memory	
2x Enterprise 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5 M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video Storage	
250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	
Dual Intel 1Gbit Ethernet RJ45 + 1Gb IPMI	Networking	
RAID 1 or 0, Mirroring or striping - built-in SW RAID	RAID	
Intel UHD 630 QuickSync GPU w/ GPU Tuned FW & Services	GPU	
Microsoft Windows 10 Enterprise IoT LTSC 2019	OS	
450W single dedicated power supply Output @ 100-240V, 8-10.5A, 50-60Hz	Power	
Standard 19" Rackmount w/slide Rails 1U height 444mm(W) x 43.8mm(H) x 580mm(D) 17.5"(W) x 1.75"(H) x 22"(D) Ship Weight W/ 2x HDDs = 22k/62lbs	Physical	
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	Warranty	
2x internally mounted HDD's	Hot-Swap	
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB/Serial	
Milestone XProtect, Avigilon ACC7 or OnSSI Ocularis 5 Pre-loaded, GPU Active & Performance tuned.	VMS	
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	