

VideoX V2 R12E



2U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

216TB	250	2200Mb	24557
Max Storage	Max Cameras	Throughput	Passmark

VideoX V2 R36E



4U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

648TB	250	2200Mb	24557
Max Storage	Max Cameras	Throughput	Passmark

VideoX R12E V2 Enterprise NVR		VideoX R36E V2 Enterprise NVR
Intel® Xeon W™ 1290 5.0 Ghz CPU 10 Core /20 Thread 20M cache	Processing	Intel® Xeon W™ 1290 5.0 Ghz CPU 10 Core /20 Thread 20M cache
32GB ECC DDR4 DRAM 2933 - Dual Bank	Memory	32GB ECC DDR4 DRAM 2933 - Dual Bank
Up to 216TB, 12x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video Storage	Up to 648TB, 36x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation
Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
2x Intel 1Gbit and 2x Intel 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)	Networking	2x Intel 1Gbit and 2x Intel 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)
Hardware RAID 6 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	RAID	Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs
Intel P630 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)	GPU	Intel P630 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)
Microsoft Windows Server Standard 2019 (LTSC)	OS	Microsoft Windows Server Standard 2019 (LTSC)
550W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	Power	1200W Dual Redundant hot swap Output @ 100-240V, 10-19.5A, 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/ 12x HDDs = 40k/87lbs	Physical	Standard 19" Rackmount w/Rails 4U height 444mm(W) x 179mm(H) x 670mm(D) 17.5"(W) x 7"(H) x 26.7"(D) Ship Weight: W/ 36x HDDs = 70k/155lbs

VideoX R12E Enterprise NVR		VideoX R36E Enterprise NVR
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)
12x front accessible HDD's, 2x SSD's, Redundant Power Supplies, Fans	Hot-Swap	24 or 36x front accessible HDD's, 2x SSD's Redundant Power Supplies, Fans
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB	1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)
Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft4 Pre-loaded, GPU Active & Performance tuned.	VMS	Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft4 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 R60E



6U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

840TB

Max Storage

250

Max Cameras

2200Mb

Throughput

24557

Passmark

VideoX V2 R8M



2U Rackmount Enterprise Management
Directory/Base/SQL Server

32GB

ECC RAM

6/12

CPU Cores

1380Mb

Throughput

2x480

SQL SSDs

VideoX V2 R60E Enterprise NVR		VideoX V2 R8M Management Server
Intel® Xeon W™ 1290 5.0 Ghz CPU 10 Core /20 Thread 20M cache	Processing	Intel® Xeon W™ 1250 4.0 Ghz CPU 6 Core /12 Thread 12M cache
32GB ECC DDR4 DRAM 2933 - Dual Bank	Memory	32GB ECC DDR4 DRAM 2933 - Dual Bank
Up to 840TB, 60x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video or DB Storage	Mirrored 480GB 3DW- Enterprise 3D TLC Flash SSD SATA3 High Write DB Optimized, Enterprise Certified 24/7 Operation
Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
2x Intel 1Gbit and 2x Intel 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)	Networking	Dual Intel 1Gbit Eth RJ45 + 1Gb IPMI
Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	RAID	Hardware RAID Mirroring w/ HW XOR Engine Battery backed CacheVault, patrol read repairs,
Intel P630 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)	GPU	Intel UHD630 QuickSync GPU w/ GPU Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	OS	Microsoft Windows Server Standard 2019 (LTSC) (No SQL License)
Dual 1600W, 80+ Platinum · 200-240V AC input, auto ranging, 50-60Hz	Power	450W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz
Standard 19" Rack Width -444mm(W) x 263mm(H) x > Depth in Rack: Max of 890mm (35.04") < Ship WeightW/ 60x HDDs 99.4kg (216lbs)	Physical	Standard 19" Rackmount w/Rails 444mm(W) x 87.6mm(H) x 670mm(D) / 17.5"(W) x 3.5"(H) x 26.7"(D) Ship Weight: 28k/62lbs
VideoX R60E Enterprise NVR		VideoX R8M Server
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)
60x top accessible HDD's, 2x SSD's, 2x SAS controllers Redundant Power Supplies, Fans	Hot-Swap	8x front accessible SSD's, Redundant Power Supplies, Fans
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB	1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)
D-Sub, DVI-D and HDMI. Supports Triple Monitor (NOT Recommended to run video client on this server)	Video Display	D-Sub, DVI-D and HDMI. Supports Triple Monitor (NOT Recommended to run video client on this server)
Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft4 Pre-loaded, GPU Active & Performance tuned.	VMS	Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft4 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



AVIGILON



Western Digital.



SEAGATE



VideoX V2 R8E



2U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

96TB
Max Storage

150
Max Cameras

1380Mb
Throughput

16820
Passmark

Max Storage

Max Cameras

Throughput

Total FPS

VideoX R8E v2 Enterprise NVR		
Intel® Xeon W™ 1250 4.0 Ghz CPU 6 Core /12 Thread 12M cache	Processing	
32GB ECC DDR4 DRAM 2933 - Dual Bank	Memory	
Up to 96TB, 8x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	Video Storage	
Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	
Dual Intel 1Gbit Eth RJ45 + 1Gb IPMI (2x 10Gb upgrade avail)	Networking	
Hardware RAID 6 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	RAID	
Intel P630 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)	GPU	
Microsoft Windows Server Standard 2019 (LTSC)	OS	
450W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	Power	
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 WeightW/ 8x HDDs = 38k/79lbs	Physical	
VideoX R8E Enterprise NVR		
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	Warranty	
8x front accessible HDD's, 2x SSD's, Redundant Power Supplies, Fans	Hot-Swap	
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB	
Milestone XProtect, Avigilon ACC7 or ONSSI Ocularis 5, Axonsoft4 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	



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