

## VideoX V3 R12E



2U Rackmount Enterprise Server NVR  
Video Motion Detection Accelerated

<b>264TB</b>	<b>200</b>	<b>1800Mb</b>	<b>22755</b>
Max Storage	Max Cameras	Throughput	Passmark

## VideoX V3 R36E



4U Rackmount Enterprise Server NVR  
Video Motion Detection Accelerated

<b>792TB</b>	<b>200</b>	<b>1800Mb</b>	<b>22755</b>
Max Storage	Max Cameras	Throughput	Passmark

VideoX R12E V3 Enterprise NVR		VideoX R36E V3 Enterprise NVR
Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache	<b>Processing</b>	Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache
32GB ECC DDR4 DRAM 3200 - Dual Bank	<b>Memory</b>	32GB ECC DDR4 DRAM 3200 - Dual Bank
Up to 264TB, 12x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	<b>Video Storage</b>	Up to 792TB, 36x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's, 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation
Mirrored 250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	<b>System Storage</b>	Mirrored 250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated or OS/VMS
2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)	<b>Networking</b>	2x Intel Enterprise 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	<b>RAID</b>	Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs
Nvidia T10008GB GPU + Intel P750 QuickSync GPU both w/ GPU Tuned FW & Services	<b>GPU</b>	Nvidia T10008GB GPU + Intel P750 QuickSync GPU both w/ GPU Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	<b>OS</b>	Microsoft Windows Server Standard 2019 (LTSC)
550W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	<b>Power</b>	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 WeightW/ 12x HDDs = 40k/87lbs	<b>Physical</b>	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
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	<b>Warranty</b>	3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)
12x HDD's, 2x SSD's, Redundant Power Supplies, Fans	<b>Hot-Swap</b>	36x HDD's, 2x SSD's, Redundant Power Supplies, Fans
5x 3.0 USB Ports (VMS Client Software NOT supported on server)	<b>USB</b>	3x 3.0 USB Ports (VMS Client Software NOT supported on server)
Milestone XProtect, Avigilon ACC7 or Genetec, Hanwha Wave Pre-loaded, GPU Active & Performance tuned.	<b>VMS</b>	Milestone XProtect, Avigilon ACC7 or Genetec, Hanwha Wave 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	<b>Management</b>	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 V3 R60E



6U Rackmount Enterprise Server NVR  
Video Motion Detection Accelerated

1320TB	200	2000Mb	22755
Max Storage	Max Cameras	Throughput	Passmark

## VideoX V3 R8E



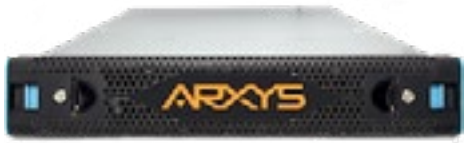
2U Rackmount Enterprise Server NVR  
Video Motion Detection Accelerated

160TB	100	1000Mb	16820
Max Storage	Max Cameras	Throughput	Passmark

VideoX V3 R60E Enterprise NVR		VideoX V3 R8E Entry Enterprise NVR
Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache	<b>Processing</b>	Intel® Xeon E™ Gen3 4.5 Ghz 6 Core /12 Thread 12M cache
64GB ECC DDR4 DRAM 3200 - Dual Bank	<b>Memory</b>	16GB ECC DDR4 DRAM 3200 - Dual Bank
Up to 1320TB, 60x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation	<b>Video or DB Storage</b>	Up to 128TB, 8x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation
Mirrored 250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	<b>System Storage</b>	Mirrored 250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)	<b>Networking</b>	Dual Enterprise Intel 1Gbit Eth RJ45 + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)
Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	<b>RAID</b>	Hardware RAID 5 w/ HW XOR Engine Battery backed CacheVault, patrol read repairs,
Nvidia T10008GB GPU + Intel P750 QuickSync GPU both w/ GPU Tuned FW & Services	<b>GPU</b>	Intel UHD750 QuickSync GPU w/ GPU Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	<b>OS</b>	Microsoft Windows Server Standard 2019 (LTSC) (No SQL License)
Dual 1600W, 80+ Platinum <b>NOTE: • 200-240V AC</b> input, auto ranging, 50-60Hz	<b>Power</b>	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)	<b>Physical</b>	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
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	<b>Warranty</b>	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	<b>Hot-Swap</b>	8x front accessible SSD's, Redundant Power Supplies, Fans
5x 3.0 USB Ports (VMS Client Software NOT supported on server)	<b>USB</b>	5x 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)	<b>Video Display</b>	D-Sub, DVI-D and HDMI. Supports Triple Monitor (NOT Recommended to run video client on this server)
Milestone XProtect, Avigilon ACC7 or Genetec, Hanwha Wave Pre-loaded, GPU Active & Performance tuned.	<b>VMS</b>	Milestone XProtect, Avigilon ACC7 or Genetec, Hanwha Wave 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	<b>Management</b>	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 V3 R4M



1U Rackmount Enterprise Management Directory/Base/SQL Server

32GB ECC RAM	6/12 CPU Cores	1080Mb Throughput	2x480 SQL SSDs
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## VideoX V3 R4M-ACM



1U Rackmount Enterprise Management ACM Server for Master/Slave failover

32GB ECC RAM	8/16 CPU Cores	1590Mb Throughput	2x960 SQL SSDs
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VideoX R4M V3 Enterprise Server		VideoX R4M V3 Enterprise ACM Server
Intel® Xeon E™ Gen3 4.5 Ghz 6 Core /12 Thread 12M cache	<b>Processing</b>	Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache
32GB ECC DDR4 DRAM 3200 - Dual Bank	<b>Memory</b>	32GB ECC DDR4 DRAM 3200 - Dual Bank
Mirrored 480GB 3DW- Enterprise 3D TLC Flash SSD SATA3 High Write DB Optimized, Enterprise Certified 24/7 Operation	<b>Video Storage</b>	Mirrored 960GB 3DW- Enterprise 3D TLC Flash SSD SATA3 High Write DB Optimized, Enterprise Certified 24/7 Operation
Mirrored 250GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	<b>System Storage</b>	Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
Dual Enterprise Intel 1Gbit Eth RJ45 + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)	<b>Networking</b>	2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade avail)
Hardware RAID Mirroring w/ HW XOR Engine Battery backed CacheVault, patrol read repairs,	<b>RAID</b>	Hardware RAID Mirroring w/ HW XOR Engine Battery backed CacheVault, patrol read repairs,
Intel P750 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)	<b>GPU</b>	Intel P750 QuickSync GPU w/ GPU Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	<b>OS</b>	Microsoft Windows Server Standard 2019 (LTSC) (No SQL License)
450W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	<b>Power</b>	450W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz
Standard 19" 1U Rackmount w/Rails 444mm(W) x 44.5mm(H) x 670mm(D) / 17.5"(W) x 1.75"(H) x 26.7"(D) Ship Weight: 22k/42lbs	<b>Physical</b>	Standard 19" 1U Rackmount w/Rails 444mm(W) x 44.5mm(H) x 670mm(D) / 17.5"(W) x 1.75"(H) x 26.7"(D) Ship Weight: 22k/42lbs
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	<b>Warranty</b>	3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)
4x front accessible SSD's, Redundant Power Supplies, Fans	<b>Hot-Swap</b>	4x front accessible SSD's, Redundant Power Supplies, Fans
1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)	<b>USB</b>	1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT supported on server)
Milestone XProtect, Avigilon ACC7 or Genetec, Hanwha Wave Pre-loaded, GPU Active & Performance tuned.	<b>VMS</b>	Milestone XProtect, Avigilon ACC7 or Genetec, Hanwha Wave 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	<b>Management</b>	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

