

VideoX V3 R12E



2U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

264TB	200	1800Mb	22755
Max Storage	Max Cameras	Throughput	Passmark

VideoX V3 R36E



4U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

792TB	200	1800Mb	22755
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	Processing	Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache
32GB ECC DDR4 DRAM 3200 -	Memory	32GB ECC DDR4 DRAM 3200 -
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	Video Storage	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 240GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	Mirrored 240GB Enterprise 3D TLC Flash SSD SATA3 Dedicated or OS/VMS
2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade available)	Networking	2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade available)
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
Nvidia T10008GB GPU + Intel P750 QuickSync GPU both w/ GPU Tuned FW & Services	GPU	Nvidia T10008GB GPU + Intel P750 QuickSync GPU both w/ GPU Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	OS	Microsoft Windows Server Standard 2019 (LTSC)
800W 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 WeightW/ 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
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 HDD's, 2x SSD's, Redundant Power Supplies, Fans	Hot-Swap	36x HDD's, 2x SSD's, Redundant Power Supplies, Fans
5x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB	3x 3.0 USB Ports (VMS Client Software NOT supported on server)
Milestone XProtect, Avigilon ACC7 or , Hanwha Wave Pre-loaded, GPU Active & Performance tuned.	VMS	Milestone XProtect, Avigilon ACC7 or , Hanwha Wave Pre-loaded, GPU Active & Performance tuned
Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, , System Power Control, HDD & SSD Management, System Diagnostic (), IPv6, Serial-over-LAN, , 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, , System Power Control, HDD & SSD Management, System Diagnostic (), IPv6, Serial-over-LAN, , Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring



VideoX V3 R60E



6U Rackmount Enterprise Server NVR
Video Motion Detection Accelerated

1320TB Max Storage	200 Max Cameras	2000Mb Throughput	22755 Passmark
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VideoX V3 R60E Enterprise NVR		
Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache	Processing	
64GB ECC DDR4 DRAM 3200 -	Memory	
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	Video or DB Storage	
Mirrored 240GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	
2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade available)	Networking	
Hardware RAID 60 Double Fault Tolerance w/ HW XOR Engine Battery backed CacheVault, patrol read repairs	RAID	
Nvidia T10008GB GPU + Intel P750 QuickSync GPU both w/ GPU Tuned FW & Services	GPU	
Microsoft Windows Server Standard 2019 (LTSC)	OS	
Dual 1600W, 80+ Platinum NOTE: • 200-240V AC input, auto ranging, 50-60HZ	Power	
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	
3 Years Advanced Warranty with NBD Advanced Parts Replacement of Field Replaceable Units (FRUs)	Warranty	
60x top accessible HDD's, 2x SSD's, 2x SAS controllers Redundant Power Supplies, Fans	Hot-Swap	
5x 3.0 USB Ports (VMS Client Software NOT supported on server)	USB	
D-Sub, DVI-D and HDMI. Supports Triple Monitor (NOT Recommended to run video client on this server)	Video Display	
Milestone XProtect, Avigilon ACC7 or , Hanwha Wave Pre-loaded, GPU Active & Performance tuned.	VMS	
Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, , System Power Control, HDD & SSD Management, System Diagnostic (), IPv6, Serial-over-LAN, , Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring	Management	



VideoX V3 R4M



1U Rackmount Enterprise Management Directory/Base/SQL Server

- 32GB ECC RAM
- 6/12 CPU Cores
- 1080Mb Throughput
- 2x480 SQL SSDs

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

VideoX R4M V3 Enterprise Server		VideoX R4M V3 Enterprise ACM Server
Intel® Xeon E™ Gen3 4.5 Ghz 6 Core /12 Thread 12M cache	Processing	Intel® Xeon E™ Gen3 5.0 Ghz 8 Core /16 Thread 16M cache
32GB ECC DDR4 DRAM 3200 -	Memory	32GB ECC DDR4 DRAM 3200 -
Mirrored 480GB 3DW- Enterprise 3D TLC Flash SSD SATA3 High Write DB Optimized, Enterprise Certified 24/7 Operation	Video Storage	Mirrored 960GB 3DW- Enterprise 3D TLC Flash SSD SATA3 High Write DB Optimized, Enterprise Certified 24/7 Operation
Mirrored 240GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	System Storage	Mirrored 480GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS
Dual Enterprise Intel 1Gbit Eth RJ45 + 1Gb IPMI (2x 10Gb SFP+ upgrade available)	Networking	2x Intel Enterprise 10Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade available)
Hardware RAID Mirroring 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 P750 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)	GPU	Intel P750 QuickSync GPU w/ GPU Tuned FW & Services
Microsoft Windows Server Standard 2019 (LTSC)	OS	Microsoft Windows Server Standard 2019 (LTSC) (No SQL License)
450W Dual Redundant hot swap Output @ 100-240V, 8-10.5A, 50-60Hz	Power	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	Physical	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
Warranty		
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)
Hot-Swap		
4x front accessible SSD's, Redundant Power Supplies, Fans	Hot-Swap	4x front accessible SSD's, Redundant Power Supplies, Fans
USB		
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)
VMS		
Milestone XProtect, Avigilon ACC7 or , Hanwha Wave Pre-loaded, GPU Active & Performance tuned.	VMS	Milestone XProtect, Avigilon ACC7 or , Hanwha Wave Pre-loaded, GPU Active & Performance tuned.
Management		
Out of Band (OOB) Remote Management including: IPMI System Management, KVM Console Redirection, Virtual Media Management, , System Power Control, HDD & SSD Management, System Diagnostic (), IPv6, Serial-over-LAN, , 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, , System Power Control, HDD & SSD Management, System Diagnostic (), IPv6, Serial-over-LAN, , Firmware Upgrade, Sensors and Event log, Power Supply and BBP Monitoring

