

VideoX V3 R12ES



2U Rackmount Enterprise Server NVR
Simple Enterprise System

144TB	100	1200Mb	16820
Max Storage	Max Cameras	Throughput	Passmark

VideoX V3 R4ES



1U Rackmount Enterprise Server NVR
Simple Enterprise System

88TB	50	800Mb	16820
Max Storage	Max Cameras	Throughput	Passmark

VideoX R12ES V3 Enterprise Simple NVR		VideoX R4ES V3 Enterprise Simple NVR
Intel® Xeon E™ Gen3 4.5 Ghz 6 Core /12 Thread 12M cache	Processing	Intel® Xeon E™ Gen3 4.5 Ghz 6 Core /12 Thread 12M cache
16GB ECC DDR4 DRAM 3200 -	Memory	16GB ECC DDR4 DRAM 3200 -
Up to 144TB, 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 88TB, 4x Enterprise Class 7200 RPM, SATA 6Gb/s 3.5" HDD's., 2.5M MTBF. 600k Duty Cycle, Certified 24/7 Operation
240GB NVMe SSD 3D TLC Flash SSD Dedicated for OS/VMS	System Storage	240GB NVMe SSD 3D TLC Flash SSD Dedicated or OS/VMS
2x Intel Enterprise 1Gb Eth RJ45 ports + 1Gb IPMI (2x 10Gb SFP+ upgrade available)	Networking	2x Intel Enterprise 1Gb Eth RJ45 ports + 1Gb IPMI
Hardware RAID 5 Single Fault Tolerance w/ HW XOR Engine	RAID	Hardware RAID 5 Single Fault Tolerance w/ HW XOR Engine
Intel P750 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia T1000 Upgrade)	GPU	Intel P750 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia T1000 Upgrade)
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	450W 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 WeightW/ 12x HDDs = 40k/87lbs	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
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, Redundant Power Supplies, Fans	Hot-Swap	4x HDD'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

