ARXYS
SHIELD | PRO Professional NVR Server

SHIELD | PRO R8P
Rackmount Model   64 Cameras

96TB	64	650Mb	3840
Max Storage	Max Cameras	Throughput	Total FPS

SHIELD | PRO R12P
Rackmount Model   32-128 Cameras

168TB	128	1048Mb	7840
Max Storage	Max Cameras	Throughput	Total FPS

Shield	PRO R8P 64 Camera NVR		Shield	PRO R12P 128 Camera NVR
Intel® Core™ i3-8300 Processor 4 Core / 16GB DDR4 Memory	**Processing**	Intel® Core™ i5-8600 Processor 6 Core / 16GB DDR4 Memory
4-8x 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
240GB Enterprise 3D TLC Flash SSD SATA3 Dedicated for OS/VMS	**System Storage**	240GB 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
Hardware RAID 5 Fault Tolerance w/ HW XOR Engine	**RAID**	Hardware RAID 5 or 6 Fault Tolerance w/ HW XOR Engine
Intel UHD630 QuickSync GPU w/ GPU Tuned FW & Services	**GPU**	Intel UHD630 QuickSync GPU w/ GPU Tuned FW & Services (Optional Nvidia GPU card)
Microsoft Windows 10 Pro	**OS**	Microsoft Windows 10 Pro
550W 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/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/ 8x HDDs = 35k/80lbs	**Physical**	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

SHIELD	PRO R8P NVR		Shield	PRO R12P 128 Camera 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)
8x front accessible HDD's, 1x SSD, 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 suported on server)	**USB/Serial**	1 x 3.1, 3x 3.0 USB Ports (VMS Client Software NOT suported 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