



SHIELD PRO NVR Server optimized for 32-128 Cameras w/ VMD									
Product SKU	Max Camera Channels VMD*	Max Camera Channels Std*	Storage Base	Storage Max	Net Capacity	Bandwidth	MSRP	DIR Discount	
SHIELD BAS T4B - Base NVR - 48 Cameras w/ VMD (4 Bay mini-Tower)									
<i>4 Enterprise Class drives, Desktop mini tower system, 8th Gen i3 3.5Ghz-4 core with GPU, 16GB RAM, RAID Mirroring or single disk, Windows 10 64 Bit, Dedicated OS SSD</i>									
SK-32T4-20B	48	48	20TB	40TB	9TB	550Mb/s	\$2,895	5%	
SK-32T4-28B	48	48	28TB	56TB	12TB	550Mb/s	\$3,596	5%	
SK-32T4-40B	48	48	40TB	40TB	18TB	550Mb/s	\$4,052	5%	
SK-32T4-48B	48	48	48TB	48TB	22TB	550Mb/s	\$4,565	5%	
SK-32T4-56B	48	48	56TB	56TB	25TB	550Mb/s	\$5,295	5%	
<small>all net usable storage capacities for T4B are using RAID 1 Mirroring</small>									
SHIELD PRO R8P Professional NVR - 64 Cameras w/ VMD (8 Bay 2U Rack)									
<i>4-8 Enterprise HDDs, 8th gen i3 3.5Ghz 4 core, GPU, 16GB RAM, RAID 5, Windows10 64 bit, Ent OS SSD, N+1 Hot-swap power & fans, Remote Manage IPMI + KVM</i>									
SK-64R1-40P	64	80	40TB	80TB	27TB	650Mb/s	\$5,979	5%	
SK-64R1-60P	64	80	60TB	80TB	45TB	650Mb/s	\$7,110	5%	
SK-64R1-80P	64	80	80TB	80TB	62TB	650Mb/s	\$8,245	5%	
SK-64R1-96P	64	80	96TB	96TB	72TB	650Mb/s	\$9,220	5%	
SHIELD PRO R12P Professional NVR- 128 Cameras w/ VMD (12 Bay 2U Rack)									
<i>6-12 Enterprise HDDs, 8th gen i5 3.5Ghz -6 core w/ GPU, 16GB RAM, RAID 5 or 6, Windows10, Ent OS SSD, N+1 Hot-swap power & fans, Remote Manage IPMI + KVM</i>									
SK-128R2-80P	128	200	80TB	120TB	62TB	1,048Mb/s	\$9,530	5%	
SK-128R2-96P	128	200	96TB	144TB	72TB	1,048Mb/s	\$10,957	5%	
SK-128R2-120P	128	200	120TB	120TB	98TB	1,048Mb/s	\$10,433	5%	
SK-128R2-144P	128	200	144TB	144TB	116TB	1,048Mb/s	\$13,345	5%	
SK-128R2-168P	128	200	168TB	168TB	136TB	1,048Mb/s	\$15,765	5%	
<small>Usable Capacities for R8P & R12P calculated using RAID 5</small>									

SHIELD ENT Enterprise NVR Server Optimized for 128-250 Cameras w/ VMD									
Product SKU	Max Camera Channels VMD*	Max Camera Channels Std*	Storage Base	Storage Max	Net Capacity	Bandwidth	MSRP	DIR Discount	
<i>12-36 Enterprise HDDs, Xeon 4.5Ghz 6/12 Core CPU, Pro GPU, 32GB ECC RAM, Server 2019, Mirrored SSDs, N+1 Hot-swap power & cooling, Remote Management IPMI + KVM</i>									
SHIELD ENT R12E Enterprise NVR Server - 200 Cameras w/ VMD (12 Bay 2U Rack)									
SK-200R2-80E	200	300	80TB	120TB	52TB	1,700Mb/s	\$12,226	5%	
SK-200R2-96E	200	300	96TB	144TB	72TB	1,700Mb/s	\$13,205	5%	
SK-200R2-120E	200	300	120TB	120TB	90TB	1,700Mb/s	\$14,797	5%	
SK-200R2-144E	200	300	144TB	144TB	112TB	1,700Mb/s	\$16,328	5%	
SK-200R2-168E	200	300	168TB	168TB	126TB	1,700Mb/s	\$18,970	5%	
SHIELD ENT R36E Enterprise NVR Server - 250 Cameras w/ VMD (36 Bay 4U Rack)									
SK-250R4-240E	250	300	240TB	360TB	174TB	1,700Mb/s	\$23,418	5%	
SK-250R4-288E	250	300	288TB	432TB	218TB	1,700Mb/s	\$26,625	5%	
SK-250R4-360E	250	300	360TB	360TB	260TB	1,700Mb/s	\$30,340	5%	
SK-250R4-432E	250	300	432TB	432TB	330TB	1,700Mb/s	\$35,640	5%	
SK-250R4-504E	250	300	504TB	504TB	370TB	1,700Mb/s	\$41,477	5%	
SHIELD EXP SAS Expansion Systems - Factory Add-on storage for R36E Enterprise systems only									
SK-EXP-21212	2U	12 x HDDs	144TB	144TB	110TB	12Gbs SAS	\$8,595	5%	
SK-EXP-4248	4U	24 x HDDs	240TB	240TB	174TB	12Gbs SAS	\$14,825	5%	
SK-EXP-42412	4U	24 x HDDs	288TB	288TB	218TB	12Gbs SAS	\$17,895	5%	
<small>Note: * Performance Test parameters= 1080P Full HD @ 30fps with Milestone Xprotect. Other VMS will have higher CPU utilization and lower camera counts with VMD. All capacities are approximates.</small>									

SHIELD WKS - Smart Client HD Workstations									
Product SKU	Max Camera Streams	Max Monitors	RAM	CPU Cores		GPU	MSRP	DIR Discount	
<i>Mid-Tower system, i5 9th Gen 2.9Ghz, 16GB RAM, 1x Gbe, 500GB SSD, Nvidia GPU 8GB, Windows 10, DVD/ROM, keyboard, mouse (Monitor not included)</i>									
SHIELD WKS - Client HD Workstations									
SK-CLWS-32	64	2	16GB	6		RTX2070	\$2,260	5%	
SK-CLWS-164	64	4	16GB	6		Q P4000	\$2,490	5%	

SHIELD MGT Management/Base/Directory/ Servers									
Product SKU	OS		RAM	CPU Cores	Write intensive SSD's	Bandwidth	MSRP	DIR Discount	
<i>Xeon 6/12 Core CPU, 32GB ECC RAM, Server 2019, Mirrored SSDs for OS, Mirrored Write ints SSDs for SQL, N+1 Hot-swap power & cooling, Remote Management IPMI- + KVM</i>									
SHIELD MGT R8M Management Server- Database Optimized (2U Rack)									
SK-R08M	Server 2019		32GB	6/12	2x 480GB	1,048Mb/s	\$6,885	5%	

SHIELD PRO X4P - RUGGEDIZED Mobile NVRs, Extreme Temp, Shock & Vibe									
Product SKU	Max Camera Channels VMD*	Max Camera Channels Std*	Storage Base	Storage Max	Net Capacity	Bandwidth	MSRP	DIR Discount	
SHIELD PRO X4P RUGGED NVR 32 Cameras w/ VMD (4 Bay)									
SK-XM4-04	32	48	4TB	4TB	3.2TB	550Mb/s	\$6,975	5%	
SK-XM4-08	32	48	8TB	8TB	6.4TB	550Mb/s	\$8,690	5%	
SK-XM4-15	32	48	15TB	15TB	12TB	550Mb/s	\$11,700	5%	
<small>X4 Rugged: 16GB RAM, Only SSD's, max of 4, Incl AC 160W power adapter + 38V DC power, fanless & ruggedized, HW RAID 5, Temp -25-50C</small>									

SKU		UPGRADE ITEM	MSRP	DIR. DISCOUNT
SK-GPU-N1	Enterprise only	Add Avigilon Analytics Nvidia GPU Upgrade card	\$796	5%
SK-RAM-16G	T4P, R8P & R12P only	Upgrade to 32GB RAM	\$279	5%
SK-RAM-32G	Enterprise only	Upgrade to 64GB RAM	\$470	5%
SK-NIC-10G	Enterprise only	ADD 2x 10GB Eth NIC SFP+	\$875	5%
SK-PP5-T48	T4B & R8M only	5 Years Protection Plan - Extends 3 year warranty to 5 full years	\$525	5%
SK-PP5-R12	R8P, R12P & R12E rack	5 Years Protection Plan - Extends 3 year warranty to 5 full years	\$1,695	5%
SK-PP5-R36	R36E rack	5 Years Protection Plan - Extends 3 year warranty to 5 full years	\$3,895	5%