

SATATYA SAMAS Server Specification				
VMS Module	Specifications	Up to 30 Cameras	31 to 80 cameras	81 to 150 Cameras
Management Server	CPU	Core i5-4210 @ 1.7 Ghz	Xeon E5 2407 V2 (2.4 GHz/quad core)	Xeon CPU- E3 or better @ 3.1 GHZ
	OS	Windows 7 professional(Recommended 64 bit OS)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)
	RAM	4 GB or above	8 GB	16GB
	Network Interface	10/100/1000 Gbps	10/100/1000 Gbps	10/100/1000 Gbps
	HDD	100GB	100GB	100GB
	Graphics Card	Not required	Not Required	Not required
Recording Server Only	CPU	Core i5-4210 @ 1.7 Ghz	Xeon E5 2407 V2 (2.4 GHz/quad core)	Xeon CPU- E3 or better @ 3.1 GHZ
	OS	Windows 7 professional(Recommended 64 bit OS)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)
	RAM	4 GB or above	8 GB	8 GB
	Network Interface	10/100/1000 Gbps	10/100/1000 Gbps	10/100/1000 Gbps
	HDD	100 GB	160GB	240 GB
	Graphics Card	Not required	Not required	Not required
Recording Server+ Smart Client (Decode Up to 64 Camera)	CPU	Core i7- 4770 @3.4 Ghz	Core i7- 4770 @3.4 Ghz	Xeon CPU- E3 or better @ 3.1 GHZ
	OS	Windows 7 professional(Recommended 64 bit OS)	Windows 7 professional(Recommended 64 bit OS)	Windows 7 professional(Recommended 64 bit OS)
	RAM	8GB	8GB	8GB
	Network Interface	10/100/1000 Gbps	10/100/1000 Gbps	10/100/1000 Gbps
	HDD	100 GB	160GB	240GB
	Graphics Card	Graphic card with minimum 512 MB memory	Graphic card with minimum 2GB memory	Graphic card with minimum 2GB memory
Smart Client(Decode Up to 64 Camera)	CPU	Core i5-4210 @ 1.7 Ghz	Core i7- 4770 @3.4 Ghz or better	Core i7- 4770 @3.4 Ghz or better
	OS	Windows 7 professional(Recommended 64 bit OS)	Windows 7 professional(Recommended 64 bit OS)	Windows 7 professional(Recommended 64 bit OS)
	RAM	4 GB or above	8GB	8GB
	Network Interface	10/100/1000 Gbps	10/100/1000 Gbps	10/100/1000 Gbps
	HDD	100 GB	100 GB	100 GB
	Graphics Card	Graphic card with minimum 512 MB memory	Graphic card with minimum 2 GB memory	Graphic card with minimum 2GB memory
Comments		View 6 1080 P (CPU USAGE-35%) View 25 Cameras at 720 P(CPU USAGE-35%) View 64 cameras at D1(CPU USAGE-35%)	View 18 1080P(CPU USAGE-35%) View 40 cameras at 720P(CPU USAGE-35%) View 64 cameras at D1(CPU USAGE-35%)	View 18 1080P(CPU USAGE-35%) View 40 cameras at 720p(CPU USAGE-35%) View 64 cameras at D1(CPU USAGE-35%)
Smart Client + Multi-Display Application (Total Decode Up to 64 Camera)	CPU (Type and Frq)	Xeon CPU- E3 or better @ 3.1 GHZ		
	OS (Server/Desktop-version/Bit)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)		
	RAM (type)	32 GB		
	Network Interface	10/100/1000 Gbps		
	HDD	Minimum 100GB		
	Graphics Card	Graphic card with minimum 4GB memory		
IVA Server Specifications		Upto 16 cameras	upto 32 cameras	upto 48 cameras
IVA server (with Recording Service On the same Server)	CPU	Core i7- 4770 @3.4 Ghz(Quad core)	Core i7- 4770 @3.4 Ghz(Quad core)/ XEON E3-1220 (3.1 GHz Quad core)	Xeon CPU- E3 or E5 or better (3.1 GHZ / Quad core)
	OS	Windows 7 professional(Recommended 64 bit OS)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)	Windows 2008 R2 Enterprise or above (recommended 64 bit OS)
	RAM	8 GB or above	16GB or above	32 GB or above
	Network Interface	10/100/1000 Gbps	10/100/1000 Gbps	10/100/1000 Gbps
	HDD	100GB	100GB	100GB
	Graphics Card	Minimum 512MB video memory (intel 4600 inbuilt graphics card if available then no need of external graphics card)	Minimum 1GB video memory (Recommended Nvidia Graphics card/ inbuilt intel 4600 Graphics card)	Minimum 2GB video memory (Recommended Nvidia graphics card)
Comments	CPU USAGE keeping 24*7 server on (RS+ IVA)	45%	45%	45%
	Cameras Resolution considered here	720p @ 25 fps	720p @ 25 fps	720p @ 25 fps