

# SSM Specifications

General		Professional	Enterprise
Maximum Number of Cameras		288	Unlimited
Maximum Number of Clients		5	Unlimited
Centralised Management		Yes	Yes
Architecture		Multi-Server	Multi-Server
Clients		SSM Console, Configuration Manager, SSM Mobile	SSM Console, Configuration Manager, SSM Mobile
Supported Devices		Network Camera / Encoder / Decoder, DVR / NVR	Network Camera / Encoder / Decoder, DVR / NVR
Summary			
Basic Component	System Manager	Yes	Yes
	Media Gateway	Yes	Yes
Add-on Component	Recording Server	Yes	Yes
	Screen Mirroring	Yes	Yes
	Virtual Matrix	-	Yes
	Transaction Server	-	Yes
	Transcoder	-	Yes
	Failover Server	-	Yes
Features	Live Monitoring	Yes	Yes
	Search Playback	Yes	Yes
	Event Monitoring	Yes	Yes
	Map Monitoring	Yes	Yes
	POS/ATM Monitoring	Yes	Yes
	Wall Management	-	Yes
	Google Map Monitoring	-	Yes
	Video Analytics Monitoring	-	Yes
	Advanced Health Monitoring	-	Yes
	Access Control Monitoring	-	Yes
	Video Summary Search	-	Yes
	Active Directory Integration	-	Yes
	Site Federation	-	Yes
Component			
Media Gateway	Max. Media Gateway	4	Unlimited
	Max. Bandwidth (In/Out)	400 / 600Mbps	400 / 600Mbps*
	Max. Devices per Server	128 Network Cameras or 288 Cameras of Recorders	128 Network Cameras or 288 Cameras of Recorders*
Recording Server	Max. Cameras	128	128
	Recording Performance	400Mbps	400Mbps*
	Playback Performance	100Mbps	100Mbps
	Mode	Manual, Continuous, Pre / Post Event, Schedule	Manual, Continuous, Pre / Post Event, Schedule
	Auto Recovery Backup	Yes	Yes
	Video Summary	-	Yes
	Event Profile Recording	Yes	Yes
Screen Mirroring	ONVIF Protocol	Profile S (Except SSM-RS00L)	Profile S (Except SSM-RS00L)
	PC Screen Streaming for Recording	Yes	Yes
	Max. Monitors	4	4
Virtual Matrix	Max. Streaming	5	5
	Frame Rate	Up to 30fps	Up to 30fps
	Max. Monitors	-	48
	Modules	-	VM Manager, VM Gateway, VM Decoder
	Sequence Monitoring	-	Yes
	Event Monitoring	-	Yes
	Map Monitoring	-	Yes
Transaction Server	Playback on Wall Monitor	-	Yes
	Screen Merge	-	Yes
	Access Control	-	Samsung, Honeywell, JCI, Gallagher, Siemens
	Intrusion Detection	-	Bosch, Honeywell
Transcoder	Intercom	-	Samsung, Stentofon
	Video Analytics	-	Agent Vi
	Playback Transcoding	-	For Console and Mobile
	Max. Input Resolution	-	5M
Federation	Max. Output Resolution	-	D1
	Max. Transcoding Channels	-	10
	Max. Site Hierarchy Level	-	4*
Failover Server	Max. Sites	-	25*
	Cameras Per Site	-	288*
Configuration & Maintenance	Auto System Failover	-	Yes
	Target Server	-	MG, RS, VM
	Architecture	-	Active / Standby
Configuration & Maintenance			
General	Setup File Backup/Restore	Yes	Yes
	Login Fail Time Limitation	Yes	Yes
	Time Sync	With NTP or a Server Component	With NTP or a Server Component
	Data Security	SSL	SSL
System Management	Device Discovery	Auto / Manual	Auto / Manual
	Device Name Synchronisation	Server, Recorder to SSM	Server, Recorder to SSM
	Edits Multi-Device Names	Yes	Yes
	Server Setup File Import/Export	Yes	Yes
	Device Firmware Update	Yes	Yes

\* Recommended specification but not limited.

User Management	Device Access Authority Setup	Yes	Yes
	Feature Level Authority Setup	Yes	Yes
	LDAP Integration	-	Yes
Event Management	Event Priority Setup	From 1 to 10 with Colour	From 1 to 10 with Colour
	External Event Integration	Yes	Yes
	Rule Based Event Action Setup	Yes	Yes
System Dashboard	Real-Time System Monitoring	-	Yes
	System Status Summary	-	Yes
	Detailed System Status	-	Yes
	Event Statistics Graph	-	Yes
<b>Operation</b>		<b>Professional</b>	<b>Enterprise</b>
General	Viewers	Live, Search, Event	Live Search, Event, Google Map, Plug-in
	Multi-Monitor	Up to 4	Up to 4
	Video Decoding via GPU	Nvidia CUDA Processor	Nvidia CUDA Processor
	System Health Monitoring	Yes	Yes
	Screen Lock	Yes	Yes
	Multicast	-	Yes
	Auto Bandwidth Control	Changes Camera Profile, I-frame Mode and Deblocking by Split Format Automatically	Changes Camera Profile, I-frame Mode and Deblocking by Split Format Automatically
System Controller Integration	SPC-2000, SPC-7000	SPC-2000, SPC-7000, Axis T8310	
Live Monitoring	Number of Channels for Live	100CH	100CH
	Sequence Monitoring	Yes	Yes
	Pre-Defined Layout	Yes	Yes
	User Favorite layout	Yes	Yes
	PTZ Control	Yes	Yes
	PTZ Area Zoom	Yes	Yes
	Digital Zoom	Yes	Yes
	Fisheye Camera View	Single, Quad, Panoramic	Single, Quad, Panoramic
	Two-Way Audio	Yes	Yes
	Audio Broadcasting	Yes	Yes
	Manual Recording	Local PC, Recorder	Local PC, Recorder
	Playback on Live	Yes	Yes
	Video Adjustment	Brightness, Contrast	Brightness, Contrast
	Video Enhancing	Deintellace, Flip, Defog	Deintellace, Flip, Defog
	Manual Alarm Out Control	Yes	Yes
	Export/Print Image	Yes	Yes
	Video Wall Control	-	Yes
Event Handling	Live Event List	Yes	Yes
	Event Thumbnail Image on Live	Yes	Yes
	Event Acknowledge	Normal, Abnormal, etc with Note	Normal, Abnormal, etc with Note
	Instant Viewer	Yes	Yes
	Instant Player	Yes	Yes
	Event Search	Yes	Yes
	Event Sequential Playback	Yes	Yes
	Rule Based Event Setup	Yes	Yes
	Event Handling History	Yes	Yes
	Event Report	PDF File with Chart and Graph	PDF File with Chart and Graph
Search & Playback	Number of Channels for Playback	16CH	16CH
	Date/Time Search	Yes	Yes
	Event Search	Yes	Yes
	Local Folder Search	Yes	Yes
	Bookmark Search	Yes	Yes
	Smart Search	Yes	Yes
	Video Summary	-	Yes
	Heat-Map (for NVR)	Yes	Yes
	Motion Search (for DVR)	Yes	Yes
	Multi Channel Time Line	Yes with Colour Variation per Recording Type	Yes with Colour Variation per Recording Type
	Synchronous Playback	Yes	Yes
	Export Video/Image	SEC, AVI	SEC, AVI
	2 Men Rule	Yes (Backup for SSM, Search & Backup for NVR)	Yes (Backup for SSM, Search & Backup for NVR)
	Backup	Scheduled Backup, Masking Backup, Onetime Schedule Backup	Scheduled Backup, Masking Backup, Onetime Schedule Backup
Monitoring with Map	2D/3D Image Map Monitoring	Yes	Yes
	Number of Layout Format for Map	10	10
	Map Link on Map	Yes	Yes
	Set Coordinates for 2D Map	Yes	Yes
	Export Image	Capture, Print	Capture, Print
	Google Map Monitoring	-	Yes
	Measure Distance on Google Map	-	Yes
PoS Integration	PoS Receipt Display on Live	Yes	Yes
	PoS Instant Viewer	Yes	Yes
	PoS Search	Yes	Yes
ETC	Customisable Plug-in	-	Yes
<b>Misc</b>			
Language	English, French, German, Spanish, Italian, Russian, Chinese, Japanese, Korean, Turkish, Polish, Czech, Serbian, Romanian, Portuguese, Dutch, Croatian, Hungarian, Greek, Swedish, Danish, Finnish, Norwegian, Taiwanese	English, French, German, Spanish, Italian, Russian, Chinese, Japanese, Korean, Turkish, Polish, Czech, Serbian, Romanian, Portuguese, Dutch, Croatian, Hungarian, Greek, Swedish, Danish, Finnish, Norwegian, Taiwanese	English, French, German, Spanish, Italian, Russian, Chinese, Japanese, Korean, Turkish, Polish, Czech, Serbian, Romanian, Portuguese, Dutch, Croatian, Hungarian, Greek, Swedish, Danish, Finnish, Norwegian, Taiwanese
Technical Support	-	-	Yes