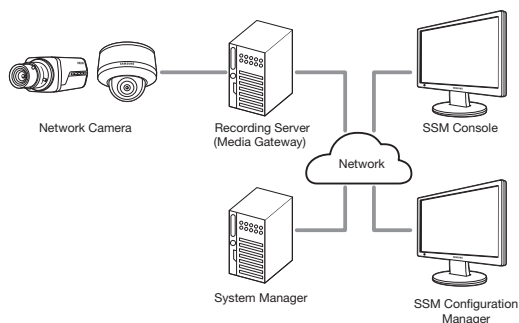# SSM-RS10/20

SSM Recording Server

Key Features

- Add on recording module for SSM
  : Recording setting, live video monitoring and search / playback of recorded video by SSM
- Delivers high performance recording (Up to 400Mbps)
- Playback / back up throughput up to 100Mbps
- Supports various recording options
  : Continuous recording
  : Event based recording (including Pre / Post alarm recording)
    (Motion detection, VA, Video loss, Alarm signal input)
  : Scheduled recording (Including holiday set up)
- Notification in case of event occurring
  : User defined alert sound output
  : E-mail to pre-assigned receiver
  : Notification to monitoring software (CMS)
- Multiple disk allocation and distribution for stable recording
- Multi-level user access and authority management

		SSM-RS10	SSM-RS20	Trial version
DEVICE				
Supported Device		Samsung's Network Camera, Encoder		
Supported Protocols		Samsung, ONVIF profile S		Samsung
Max. Register Device		36	72	16
PERFORMANCE				
Video	Supported Format	H.264, MJPEG, MJPEG		
	Supported Resolution	Depending on the device		
Audio	Supported Audio Compression Format	G.711 u-law (PCM), G.723, G.726 (ADPCM)		
Recording	Performance	Up to 400Mbps (Four or more HDDs (SATA II 7200rpm) should be used for 400Mbps recording performance)		
	Mode	Manual, Continuous mode, Event (Pre/Post alarm recording) Event & Schedule mode		
	Quality	Depending on the device		
	Pre/Post Record Time	Pre : 1 ~ 18CH 60sec, 19 ~ 36CH 30sec, 37 ~ 72CH 15sec Post : 1200sec (when D1 resolution 30fps)		
	Logs	System, User access, Back up, Recording log, Event log (Motion, Alarm, Video loss, Video analytic, Audio)		
Playback	Performance	Up to 100Mbps, Up to 16CH simultaneously		
	Mode	Time, Event, Timeline		
Storage	Max. Controller of HDD	24HDDs		
	Supported HDD Format	SATA2 7200rpm, e-SATA, SAS, iSCSI		
	Functions	Storage space assigning by each disk, Warning against lower disk space		
System	NIC	NIC is selectable by device connection and client connection type		
	SW Status	Device connection, Manual/Schedule recording status		
	Data Security	Login packet encryptionl		
	Settings	Initialization / Export / Import		
	Functions	Auto power-on record		
	Time Synchronization	NTP client		
Programs	Configuration Manager	Recording & storage settings, User management, Event action setting, Schedule back up, System settings		
	Console	Live monitoring, Playback, Back up		
GENERAL				
System Requirement (Recommeded)		CPU : Intel Core i7 Sandy bridge, RAM : 8GB Video memory : 256MB, 4HDDs (SATA II 7200rpm 64MB) above OS : Windows Server 2008 R2, Windows Server 2012, Windows 7 32/64bit, Windows 8 32/64bit		
System Requirement (Minimum)		CPU : Intel Core i3 Sandy bridge, RAM : 8GB Video memory : 256MB, 2HDDs (SATA II 7200rpm 64MB) above OS : Windows XP SP2, Windows Server 2003 SP2, Windows Vista, Windows Server 2008 R2, Windows Server 2012, Windows 7 32/64bit, Windows 8 32/64bit		

System Configuration

Network Camera

Recording Server (Media Gateway)

SSM Console

Network

System Manager

SSM Configuration Manager

SAMSUNG TECHWIN　SAMSUNG