

Exceptional Performance and Stability

Samsung's SRN-4000 is a 64CH network video recorder that will allow the connection of up to 64 and 5MP cameras, 12 hot swap hard disc drives and redundant power supplies. While supporting high level functions such as RAID 5/6, 4 x gigabit ethernet ports and advanced video motion detection, it also supports a local monitor for ease of use, automatic camera registration, ONVIF cameras and mobile apps for smart phone and tablet connectivity.

SRN-4000

64CH 400Mbps Premium Network Video Recorder

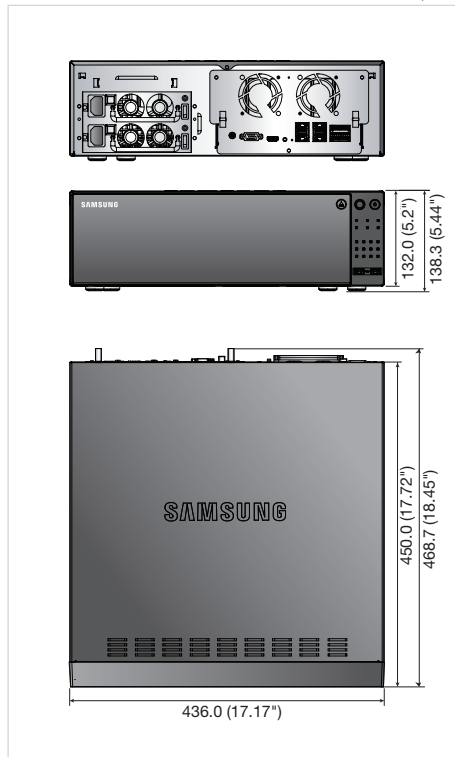
- Up to 64CH and 5MP supported
- 400Mbps network camera recording
- Max. 12 Hot swap HDDs (RAID 5/6)
- VGA/HDMI local monitor
- Redundant hot swap power supply





Dimensions

Unit : mm (inch)



Specifications



SRN-4000		
DISPLAY		
N/W Camera	Inputs	Up to 64CH
	Resolution	CIF ~ 5M
	Protocols	Samsung, ONVIF
Live	Local Display	HDMI / VGA
	Multi Screen Display	[Local monitor] 1 / 4 / 9 / 16 / Sequence, [Web] 1 / 4 / 9 / 16 / 32 / 64 / Sequence
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264, MPEG-4, MJPEG
	Recording Bit Rate	Max. 400Mbps (2M 64camera real-time recording)
Recording	Resolution	CIF ~ 5M
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post)
	Event Trigger	Alarm input, Video loss, Camera event (Sensor, MD, Video Analytics), VA (Upto 4ch selectable, Advanced MD, Object classification (People, Car))
Search & Playback	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	25Mbps (16CH simultaneously)
	Search Mode	Date & Time (Calendar) / Event log list
Storage	Simultaneous Playback	16CH (Local monitor, CMS), 4CH (Web)
	Resolution	CIF ~ 5M
	Playback Function	Fast forward / backward, Move one step up / down
Back up	Built-In	2TB
	Internal HDD	12 (Hot swap), Max. 36TB
	External RAID	iSCSI storage (Max. 192TB)
Sensor	File Back up (Via Web)	RAID-5/6
	Function	BU/Exe (GUI), JPG, AVI (Network)
	Input / Output	Single channel play, Date-time/title display
Alarm	Input	8 / 4 (NO/NC selectable)
	Compression	64CH (Network)
	Audio Communication	G.711, G.726
NETWORK		
Ethernet	Protocol Support	2-way
	Protocol Support	RJ-45, Gigabit Ethernet x 4
	DDNS	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP, PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, UPnP, ONVIF, HTTPS, SNMP
Transmission Speed	Max. Remote Users	Samsung iPOLIS DDNS
	Search 3 / Live unicast 10 / Live multicast 20	Max. 300Mbps
	IP	Search 3 / Live unicast 10 / Live multicast 20
Security	IP address filtering	IPv4/v6
	User access log	IP address filtering, User access log, 802.1x authentication, Encryption
	Encryption	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai
Language	OS	Supported OS : Window XP (service pack 2 or above), Vista, 7, 8, Mac OS X (10.7 or above)
	Web Browser	MS IE, Google Chrome, Mac Safari, Firefox
	Viewer Software	SSM, Webviewer, SmartViewer, iPOLIS mobile
Smart Phone	Type	Support SDK / CGI
	CMS Support	i-Phone, Android
	Platform	RTP, RTSP, HTTP, CGI
FUNCTIONS	Protocol Support	Live 4CH / Playback 1CH
	Control	Live 10, Playback 1
	Max. Remote Users	
Camera Setup	Register	Auto, Manual
	Setup Items	1) IP address, Add profile edit, Bitrate, Compression, GOP, Quality
	Control	2) Video setup (MD, ABF, etc)
PTZ	Control	Via GUI, Webviewer
	Preset	256 presets
	System Control	Mouse
INDICATOR / INTERFACE		
Front	Indicator	LED status indicator : HDD action 12, RAID status 1, Alarm 1, Power 1, Record 1, Back up 1, Network 1
	Switch	PWR switch 1ea, Key-lock 1ea
	VGA	1ea
Connections	HDMI	1ea
	Audio	Out (1ea, RCA, Line)
	Ethernet	4 RJ-45 10/100/1000 Base-T
System	Alarm	In (8ea, Terminal block) / Out (4ea, Terminal block)
	USB	2ea (Front)
	Reset	Switch (1ea)
GENERAL	Power Cord	2ea AC inlet
	Log List	Max. 20000 (System log, Event log each)
	Log List	
SYSTEM		
Log	Input Voltage / Current	100 ~ 240V AC \pm 10%, 50/60Hz, 4 ~ 1.5A (Dual SMPS)
	Power Consumption	Max. 56W (154 BTU with 1 HDD), Max. 170W (580 BTU with 12 HDDs)
	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
Environmental	Operating Humidity	20% ~ 85% RH
	Color / Material	Black / Metal
	Dimensions (WxHxD)	436.0 x 132.0 x 450.0mm (17.17" x 5.2" x 17.72") (3U)
Mechanical	Weight (1x Hard Disks)	Approx. 6.7Kg (14.77 lb)
	Safety	UL
	EMC	CE, FCC, CCC, Gost-R



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