

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

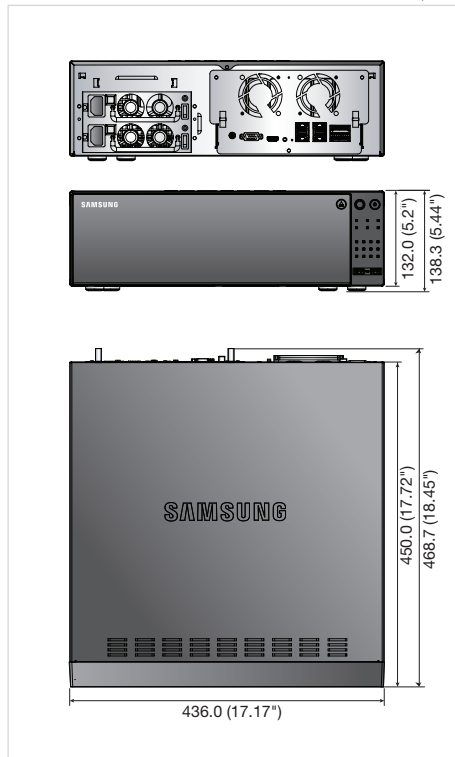
- Up to 64CH and 5MP supported
- 400Mbps network camera recording
- Max. 12 Hot swap HDDs (RAID 5/6)
- VGA/HDMI local monitor
- Redundant hot swap power supply





Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.



Specifications



SRN-4000		
DISPLAY		
N/W Camera	Inputs	Up to 64CH
	Resolution	CIF ~ 5M
Live	Protocols	Samsung, ONVIF
	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	Recording Bit Rate	Max. 400Mbps (2M 64camera real-time 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
	Simultaneous Playback	16CH (Local monitor, CMS), 4CH (Web)
Storage	Resolution	CIF ~ 5M
	Playback Function	Fast forward / backward, Move one step up / down
	Built-In	2TB
	Internal HDD	12 (Hot swap), Max. 36TB
Back up	External	iSCSI storage (Max. 192TB)
	RAID	RAID-5/6
Sensor	File Back up (Via Web)	BU/Exe (GUI), JPG, AVI (Network)
	Function	Single channel play, Date-time/title display
Alarm	Input / Output	8 / 4 (NO/NC selectable)
	Input	64CH (Network)
	Compression	G.711, G.726
	Audio Communication	2-way
NETWORK		
Ethernet		RJ-45, Gigabit Ethernet x 4
	Protocol Support	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP, PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, UPnP, ONVIF, HTTPS, SNMP
DDNS		Samsung iPOLIS DDNS
	Transmission Speed	Max. 300Mbps
Max. Remote Users		Search 3 / Live unicast 10 / Live multicast 20
	IP	IPv4/v6
Security		IP address filtering, User access log, 802.1x authentication, Encryption
	Language	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai
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	Type	SSM, Webviewer, SmartViewer, iPOLIS mobile
	CMS Support	Support SDK / CGI
Smart Phone	Platform	i-Phone, Android
	Protocol Support	RTP, RTSP, HTTP, CGI
	Control	Live 4CH / Playback 1CH
	Max. Remote Users	Live 10, Playback 1
FUNCTIONS		
Camera Setup	Register	Auto, Manual
	Setup Items	1) IP address, Add profile edit, Bitrate, Compression, GOP, Quality 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
Connections	VGA	1ea
	HDMI	1ea
	Audio	Out (1ea, RCA, Line)
	Ethernet	4 RJ-45 10/100/1000 Base-T
	Alarm	In (8ea, Terminal block) / Out (4ea, Terminal block)
	USB	2ea (Front)
	Reset	Switch (1ea)
	Power Cord	2ea AC inlet
SYSTEM		
Log	Log List	Max. 20000 (System log, Event log each)
	GENERAL	
Electrical	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)
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
Mechanical	Color / Material	Black / Metal
	Dimensions (WxHxD)	436.0 x 132.0 x 450.0mm (17.17" x 5.2" x 17.72") (3U)
	Weight (1x Hard Disks)	Approx. 6.7Kg (14.77 lb)
Approvals	Safety	UL
	EMC	CE, FCC, CCC, Gost-R

Design and specifications are subject to change without notice.

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