

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

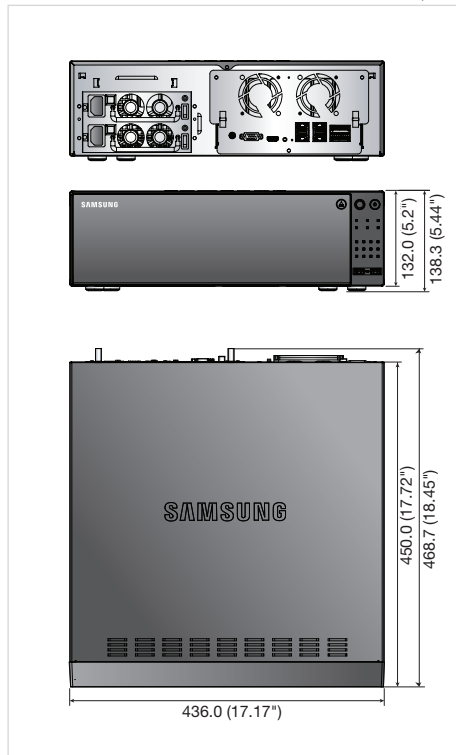
- Up to 64CH and 5MP supported
- 400Mbps network camera recording
- Max. 12 Hot swap HDDs (RAID 5/6)
- VGA/HDMI local monitor
- Redundant hot swap power supply





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)
	Resolution	CIF ~ 5M
Recording	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))
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	25Mbps (16CH simultaneously)
Search & Playback	Search Mode	Date & Time (Calendar) / Event log list
	Simultaneous Playback	16CH (Local monitor, CMS), 4CH (Web)
	Resolution	CIF ~ 5M
	Playback Function	Fast forward / backward, Move one step up / down
Storage	Internal HDD	12 (Hot swap), Max. 36TB
	External (e-SATA Interface) RAID	NAS (iSCSI) : vesaRaID 1840i, Max. 192TB (JBOD) RAID-5/6
Back up	File Back up (Via Web)	BU/Exe (GUI), JPG, AVI (Network)
	Function	Single channel play, Date-time/title display
Sensor	Input / Output	8 / 4 (NO/NC selectable)
	Input	64CH (Network)
Alarm	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		Up to 200Mbps
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 8.x, 9.x, Google Chrome, Mac Safari, Firefox 2.x, 3.x
Viewer Software	Type	Webviewer, SmartViewer
	CMS Support	Support SDK / CGI
	Platform	Android, iOS
Smart Phone	Protocol Support	RTP, RTSP, HTTP, CGI
	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, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter)
PTZ	Control	Via GUI, Webviewer
	Preset	256 presets
	Support Model	I-Phone, Android
Smart phone	Control	Live 4CH / Playback 1CH
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
	HDMI	1ea
	Audio	Out (1ea, RCA, Line)
Connections	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	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, KC
	EMC	CE, FCC, CCC, Gost-R



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SAMSUNG TECHWIN CO., LTD.

6, Pangyo-ro 319beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, SEOUL 463-400 Rep. of KOREA

Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

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SAMSUNG TECHWIN AMERICA Inc.

100 Challenger Rd. Suite 700 Ridgeland Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.

2nd Floor, No. 5 The Heights, Brooklands, Weybridge,
Surrey, KT13 0NY, UK
Tel : +44-1932-82-6700 Fax : +44-1932-82-6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.

32F, Bk B, International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122

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