

SRN-4000



64CH 400Mbps Premium Network Video Recorder

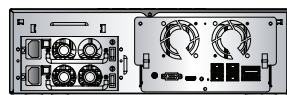
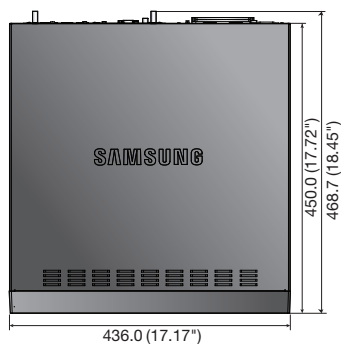


Key Features

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

Dimensions

Unit : mm (inch)



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 / 1+5 / 1+7 / 1+12 / 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))
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
Search & Playback	Playback Bandwidth	25Mbps (16CH simultaneously)
	Search Mode	Date & Time (Calendar) / Event log list
	Simultaneous Playback	[Local monitor] : Max. 16CH, [CMS] : Max. 16CH, [Web] : Max. 4CH
	Resolution	CIF ~ 5M
Storage	Playback Function	Fast forward / backward, Move one step up / down
	Built-in HDD	2TB 1ea
	Max. Internal HDDs	12ea (Hot swap), Max. 36TB
	External RAID	NAS (iSCSI) : vesa RAID 1840i, Max. 192TB (JBOD) RAID 5/6
Back up	File Back up (Via Web)	[GUI] : BU / Exe, [Network] : JPEG / AVI
	Function	Single channel play, Date-time / Title display
Sensor	Input / Output	8 / 4 (NO/NC selectable)
	Input	64CH (Network)
Audio	Compression	G.711, G.726
	Audio Communication	2-way
NETWORK		
Interface		RJ-45, Gigabit Ethernet 4ea
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
Network	Total Throughput Bandwidth	Max. 700Mbps
	Transmission Bandwidth	Max. 400Mbps
Max. Remote Users		Search 1 / Live unicast 10 / Live multicast 20
IP		IPv4 / IPv6
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		Window XP (service pack 2 or above), Vista, 7, 8, Mac OS X (10.4.8 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	SDK / CGI
Smart Phone	OS	Android, iOS
	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
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
Connections	Audio	Out (1ea, RCA, Line)
	Ethernet	RJ-45 Gigabit Ethernet 4ea [Camera 1] : 1ea, [Camera 2] : 1ea, [Viewer] : 1ea, [iSCSI] : 1ea
	Alarm	In 8ea (Terminal block) / Out 4ea (Terminal block)
	USB	2ea (Front)
	Reset	Switch 1ea
	Power Cord	AC Inlet 2ea
SYSTEM		
Log		Log List
		Max. 20000 (System log, Event log, Back up log each)
GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC $\pm 10\%$, 50/60Hz, 4 ~ 1.5A (Dual SMPS)
	Power Consumption	Max. 217W (546 BTU with 2TB HDD 12ea)
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	12.44Kg (27.43 lb) (2TB HDD 1ea included)
Approvals	Safety	UL
	EMC	CE, FCC, KCC, CCC, Gost-R

* The latest product information / specification can be found at www.samsungsecurity.com