

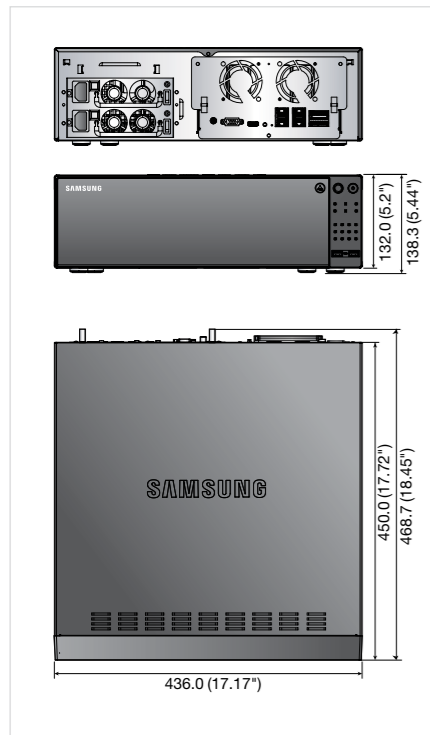


## Specifications



		SRN-4000
<b>DISPLAY</b>		
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
<b>PERFORMANCE</b>		
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)	NAS (iSCSI) : vesa RAID 1840i, Max. 192TB (JBOD)
	RAID	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)
Alarm	Input	64CH (Network)
	Compression	G.711, G.726
	Audio Communication	2-way
<b>NETWORK</b>		
Ethernet	Ethernet	RJ-45, Gigabit Ethernet x 4
Protocol Support	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	DDNS	Samsung iPOLiS DDNS
Transmission Speed	Transmission Speed	Up to 200Mbps
Max. Remote Users	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
IP	IP	IPv4/v6
Security	Security	IP address filtering, User access log, 802.1x authentication, Encryption
Language	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	OS	Supported OS : Window XP (service pack 2 or above), Vista, 7, 8, Mac OS X (10.7 or above)
Web Browser	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
<b>FUNCTIONS</b>		
Register	Register	Auto, Manual
Camera Setup	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 Preset	Via GUI, Webviewer 256 presets
Smart phone	Support Model	I-Phone, Android
System Control	Control	Live 4CH / Playback 1CH Mouse
<b>INDICATOR / INTERFACE</b>		
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
<b>SYSTEM</b>		
Log	Log List	Max. 20000 (System log, Event log each)
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240V AC ±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
	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)
Approvals	Safety	UL, KC
	EMC	CE, FCC, CCC, Gost-R

## Dimensions



Design and specifications are subject to change without notice.

# Exceptional Performance and Stability

## SRN-4000

64CH Network Video Recorder



DISTRIBUTED BY



## 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 Ridgely Park, NJ 07660  
Tel: +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, Blik 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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## MAX. 400Mbps Recording Bit Rate

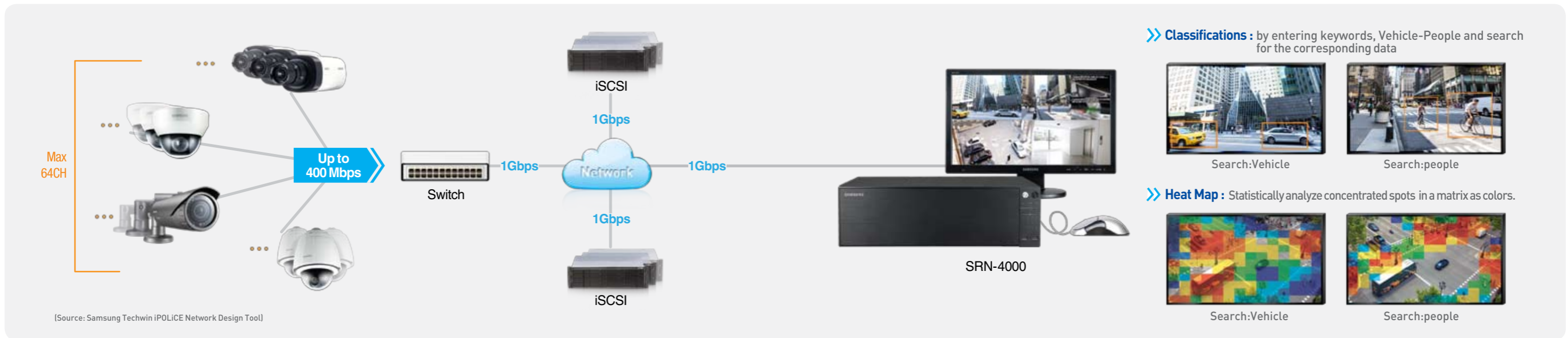
- Max 5MP resolution and up to 64CH support
- 2Megapixel x 64 Channel real-time recording

## Location Independent Data Storage

- iSCSI (Internet Small Computer System Interface)
- Maximum 76HDDs (max. 3TB/each)

## Intelligent Data Search

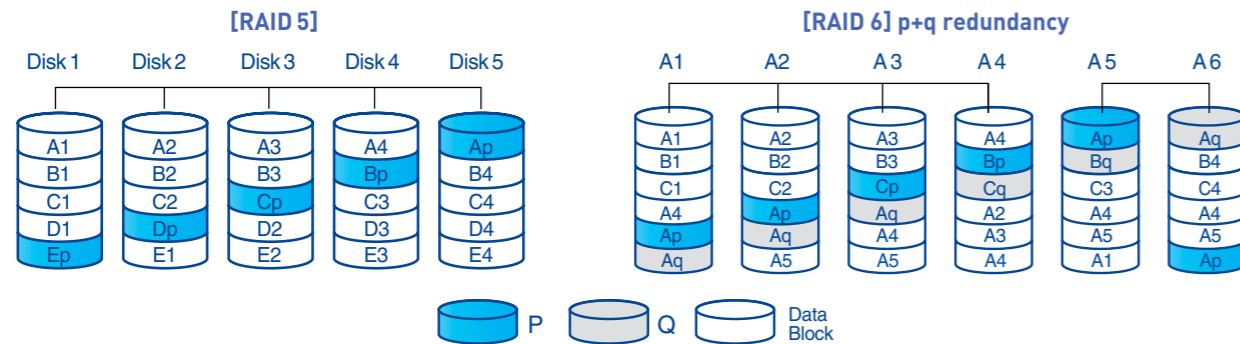
- Combine Video Analytics and Meta-data



## Zero Downtime! Secure All Data

### RAID 5/6 Support

- Prevent any data loss as striped blocks and distributed parity
- \* 1 array = max. 6 internal disks



### Hot Swap

- Stable storage and power supply with alarm alerts

#### Replace HDDs while still recording



#### Dual SMPS



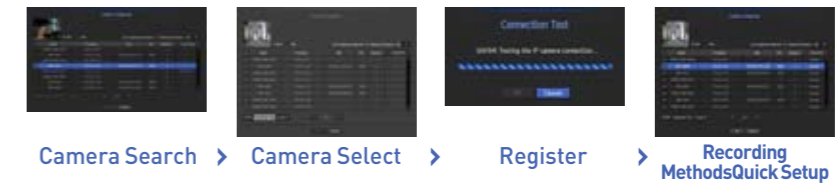
## PC-LESS! Easy Installation and Operation

### ONLY 4 steps to Install or Register cameras

- Easy Setup Wizard :



- Quick Setup Wizard :



### Directly connect a monitor and mouse

- Control camera registrations/settings and search for video data without the need for a PC

### Customized User Layouts: register up to 100 people categorized by security groups

