

# SRN-873S

8CH Network Video Recorder with PoE Switch

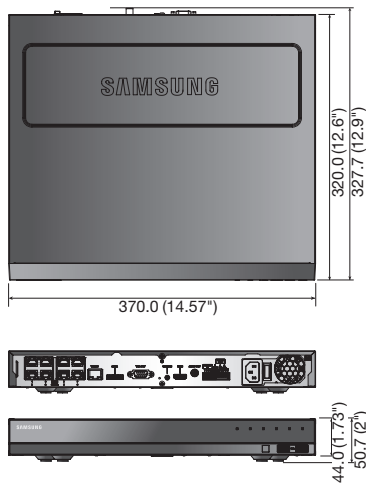


## Key Features

- Up to 8CH 8M supported
- 64Mbps network camera recording
- Plug & play by 8 PoE/PoE+ ports
- Max. 2HDDs, e-SATA storage supported
- HDMI / VGA local monitor

## Dimensions

Unit : mm (inch)



SRN-873S		
<b>DISPLAY</b>		
Video	Inputs / Resolution	Up to 8CH / CIF ~ 8M
	Protocols	Samsung, ONVIF
Live	Local Display	HDMI / VGA
	Multi Screen Display	[Local monitor] 1 / 4 / 6 / 8 / Auto sequence, [Web] 1 / 4 / 8 / Auto sequence
	Performance	[Local monitor] 8M (20fps), 5M (30fps), 3M (50fps), 2M (150fps), 720p (240fps), D1 (240fps) [Web] 5M (30fps), 3M (60fps), 2M (120fps), 720p (240fps), D1 (240fps)
<b>PERFORMANCE</b>		
Operating System	Embedded	Linux
	Compression	H.264, MJPEG
Recording	Recording Bandwidth	64Mbps, 2M 8 camera real-time recording
	Resolution	CIF ~ 8M
	Mode	Normal, Scheduled, Event (Pre / Post)
	Event Trigger	Alarm input (4), Video loss, Camera event (Alarm in, MD, Video analytics)
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
Search & Playback	Playback Bandwidth	32Mbps
	Performance	Max. 3 users
	Mode	Date & Time (Calendar) / Event log list / Text Search (POS)
	Simultaneous Playback	[Local monitor] Up to 8CH, [Web, CMS] Up to 8CH
	Resolution	CIF ~ 8M
	Fish-eye Dewarping	Via Smartviewer
Storage	Internal	2 SATA
	External (DAS)	1 e-SATA
	Max.Capacity	Internal 8TB
Back up	File Back up	BU/EXE (USB), JPG/AVI (Web, CMS)
	Function	Max. 8CH playback, Date-time/title display
Sensor	Input / Output	4 / 3 (NO 2ea, NO/NC 1ea)
Audio	Input / Compression	8CH (Network) / G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
<b>NETWORK</b>		
Protocol Support	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S)	
DDNS	Samsung iPOLiS DDNS	
Transmission Bandwidth	Max. 128Mbps	
Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
IP	IPv4 / IPv6	
Security	IP address filtering, User access log, 802.1x authentication, Encryption	
Language	GUI / Web	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 (10.6 or above)	
Web Browser	Microsoft Internet Explorer (Updated Ver. 8 ~10, IE 9 or above recommended) Mozilla Firefox (Ver. 19.x or above), Google Chrome (Ver. 26.x or above), Apple Safari (Ver. 6.0.3 or above)	
Viewer Software	Type	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
	CMS Support	SDK / CGI (SUNAPI)
<b>FUNCTIONS</b>		
Camera Setup	Register	PnP mode, Manual mode
	Setup Items	IP address, Add profile edit, Bitrate, Compression, GOP, Quality
		Camera MD setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SDDR, DIS)
Camera Control	PoE	Monitor PoE power consumption, On/Off control for each PoE camera Remote reset for each PoE camera
Easy Configuration	Setup Wizard (Date/Time, Network, Auto camera configuration)	
PTZ	Control / Preset	Via GUI, Webviewer, SPC-2000 / 255
	OS	Android, iOS
Smart phone	Control	Live (4CH) / Playback (1CH)
		Mouse, IR Remocon, Web, SPC-2000 (Controller)
System Control		
<b>INDICATOR / INTERFACE</b>		
Front	Indicator	Power status LED 1ea, HDD action LED 1ea, Alarm status LED 1ea Record status LED 1ea, Network action LED 1ea, Back up LED 1ea
	USB	2ea (Front 2ea)
	HDMI / VGA	1ea / 1ea
Connections	Audio	Out 1ea (RCA, Line)
	Ethernet	RJ-45 8ea (PoE/PoE+, 100Mbps), RJ-45 1ea (WAN, 1Gbps)
	Alarm	In 4ea (Terminal block) / Out 3ea (Terminal block)
	Reset	Yes (Factory reset)
<b>SYSTEM</b>		
Log	Log List	Max. 20000 (System log, Event log each)
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240V AC, 50/60Hz / 3 ~ 1.5A
	Power Consumption	Max. 166W (2 HDD, PoE on), 44W (2 HDD, PoE off)
	PoE Budget	Max. 100W
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
Mechanical	Color / Material	Black / Metal
	Dimensions (WxHxD)	370.0 x 44.0 x 320.0mm (14.57" x 1.73" x 12.6") (1U)
	Weight	Approx. 3.4Kg (7.49lb), 1TB HDD 1ea included

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)