

# SRN-1673S

16CH Network Video Recorder with PoE Switch

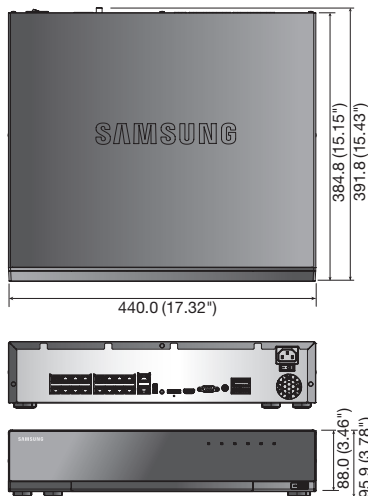


## Key Features

- Up to 16CH 8M supported
- 80Mbps network camera recording
- Plug & play by 16 PoE/PoE+ ports
- Max. 4HDDs, e-SATA storage supported
- HDD removable (Easy install)
- HDMI / VGA local monitor

## Dimensions

Unit : mm (inch)



SRN-1673S		
<b>DISPLAY</b>		
Video	Inputs / Resolution	Up to 16CH / CIF ~ 8M
	Protocols	Samsung, ONVIF
Live	Local Display	HDMI / VGA
	Multi Screen Display	[Local monitor] 1 / 4 / 6 / 8 / 9 / 13 / 16 / Auto sequence, [Web] 1 / 4 / 9 / 16 / Auto sequence
	Performance	[Local monitor] 8M (20fps), 5M (30fps), 3M (50fps), 2M (150fps), 720p (240fps), D1 (480fps) [Web] 5M (30fps), 3M (60fps), 2M (120fps), 720p (240fps), D1 (480fps)
<b>PERFORMANCE</b>		
Operating System	Embedded	Linux
	Compression	H.264, MJPEG
Recording	Recording Bandwidth	80Mbps, 2M 16 camera real-time recording
	Resolution	CIF ~ 8M
	Mode	Normal, Scheduled, Event (Pre / Post)
	Event Trigger	Alarm input (8), Video loss, Camera event (Alarm in, MD, Video analytics) VA event (Tampering, Enter/Exit, Passing, (Dis)Appear, Face detection, Audio detection)
Search & Playback	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	32Mbps
	Performance	Max. 3 users
	Mode	Date & Time (Calendar) / Event log list / Text search (POS)
Storage	Simultaneous Playback	[Local monitor] Up to 16CH, [Web, CMS] Up to 16CH
	Resolution	CIF ~ 8M
	Fish-eye Dewarping	Via Smartviewer
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
Back up	Default Built-in	2TB
	Internal	4 SATA (HDD removable at front)
	External (DAS)	1 e-SATA
Sensor	Max. Capacity	Internal 16TB
	File Back up	BU/EXE (USB), JPG/AVI (Web, CMS)
Audio	Function	Max. 16CH playback, Date-time/title display
	Input / Output	8 / 4 (NO 3ea, NO/NC 1ea)
Audio Communication	Input / Compression	16CH (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. 160Mbps
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 (ID/PW, Recording, Transmission, Back up)
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 higher recommended) Mozilla Firefox (Ver. 19.x or above), Google Chrome (Ver. 26.x or above), Apple Safari (Ver. 6.0.3 or higher)
Viewer Software	Type	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
Viewer Software	CMS Support	SDK / CGI (SUNAPI)
<b>FUNCTIONS</b>		
Camera Setup	Register	PnP mode, Manual mode
	Setup Items	1) IP address, Add profile edit, Bitrate, Compression, GOP, Quality
		2) Camera MD setup
3) Video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SSSR, DIS, etc)		
Camera Control	PoE	1) Monitor PoE power consumption 2) On/Off control for each PoE camera 3) Remote reset for each PoE camera
	Easy Configuration	Setup Wizard (Date/Time, Network, Auto camera configuration)
		Via GUI, Webviewer, SPC-2000 / 255
Smart phone	OS	Android, iOS
	Control	Live (4CH) / Playback (1CH)
System Control		Mouse, IR Remocon, Web, SPC-2000 (USB controller)
<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 1ea / Rear 1ea)
	HDMI / VGA	1ea / 1ea
Connections	Audio	Out 1ea (RCA, Line)
	Ethernet	16ea (PoE/PoE+, 100Mbps)
		- 8 PoE+ when 2 PoE ports aggregated to 1 port
		- Each PoE port can be used as downlink port for camera / PoE Hub
2ea (LAN/WAN, 1Gbps)		
Alarm	- LAN : Downlink to camera / PoE Hub - WAN : Uplink to CMS	
Reset	In 8ea (Terminal block) / Out 4ea (Terminal block)	
Yes (Factory reset, Alarm reset)		
<b>SYSTEM</b>		
Log	Log List	Max. 20000 (System log, Event log each)
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240V AC
	Power Consumption	Max. 309W (NVR w / 4 x HDD, PoE on), 57W (NVR w / 4 x HDD, PoE off)
Environmental	PoE Budget	Max. 200W
	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
Mechanical	Operating Humidity	20% ~ 85% RH
	Color / Material	Black / Metal
	Dimensions (WxHxD)	440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U)
Accessories	Weight	5.6Kg (12.35 lb) (1TB HDD included)
	IR Remocon / Mouse	Included / Included
Power Cord / Terminal Block	Viewer CD / IB	Backup Viewer, Installation Manual / Included
	Power Cord / Terminal Block	Included / Included

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