

SRN-473S

4CH Network Video Recorder with PoE Switch

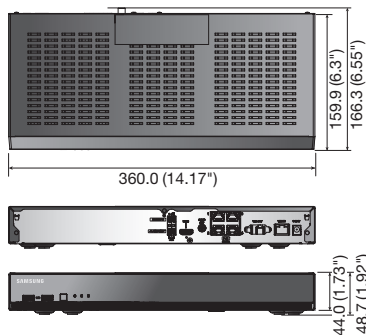


Key Features

- Up to 4CH 8M supported
- 32Mbps network camera recording
- Plug & play by 4 PoE/PoE+ ports
- Max. 1 HDD
- HDMI / VGA local monitor

Dimensions

Unit : mm (inch)



SRN-473S

DISPLAY		
Video	Inputs / Resolution	Up to 4CH / CIF ~ 8M
	Protocols	Samsung, ONVIF
Live	Local Display	HDMI / VGA
	Multi Screen Display	[Local monitor] 1 / 4 / Auto sequence, [Web] 1 / 4 / Auto sequence
	Performance	[Local monitor] 8M (20fps), 5M (30fps), 3M (50fps), 2M (120fps), 720p (120fps), D1 (120fps) [Web] 5M (30fps), 3M (60fps), 2M (120fps), 720p (120fps), D1 (120fps)
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264, MJPEG
Recording	Recording Bandwidth	32Mbps, 2M 4 camera real-time recording
	Resolution	CIF ~ 8M
	Mode	Normal, Scheduled, Event (Pre / Post)
	Event Trigger	Alarm input (2), 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 4CH, [Web, CMS] Up to 4CH
	Resolution	CIF ~ 8M
Storage	Fish-eye Dewarping	Via Smartviewer
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
Back up	Internal	1 SATA
	Max. Capacity	Internal 4TB
Sensor	File Back up	BU/EXE (USB), JPG/AVI (Web, CMS)
	Function	Max. 4CH playback, Date-time/title display
Audio	Input / Output	2 / 1 (NO/NC 1ea)
	Input / Compression	4CH (Network) / G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
NETWORK		
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. 64Mbps
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)
FUNCTIONS		
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, SSSR, Shutter, SSSD, 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
Smart phone	OS	Android, iOS
	Control	Live (4CH) / Playback (1CH)
System Control		Mouse, IR Remocon, Web, SPC-2000 (Controller)
INDICATOR / INTERFACE		
Front	Indicator	Power status LED 1ea, Alarm status LED 1ea, Record status LED 1ea
	USB	2ea (Front 2ea)
Connections	HDMI / VGA	1ea / 1ea
	Audio	Out 1ea (RCA, Line)
	Ethernet	RJ-45 4ea (PoE/PoE+, 100Mbps), RJ-45 1ea (WAN, 100Mbps)
	Alarm	In 2ea (Terminal block) / Out 1ea (Terminal block)
	Reset	Yes (Factory reset)
SYSTEM		
Log	Log List	Max. 20000 (System log, Event log each)
GENERAL		
Electrical	Input Voltage / Current	54V DC / 1.67A
	Power Consumption	Max. 77W (1 HDD, PoE on), 16W (1 HDD, PoE off)
Environmental	PoE Budget	Max. 50W
	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
Mechanical	Color / Material	Black / Metal
	Dimensions (WxHxD)	360.0 x 44.0 x 159.9mm (14.17" x 1.73" x 6.3") (1U)
	Weight	Approx. 1.6Kg (3.52lb), 1TB HDD 1ea included

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

SRN-873S

8CH Network Video Recorder with PoE Switch

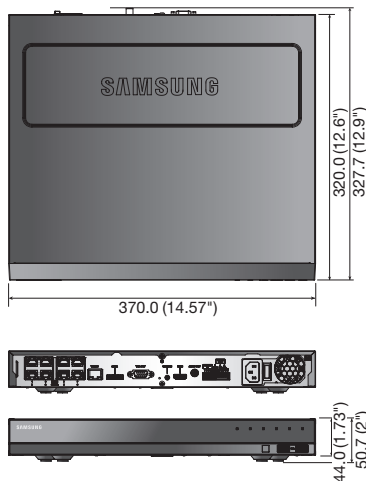


Key Features

- 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
DISPLAY		
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)
PERFORMANCE		
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
NETWORK		
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
Software	CMS Support	SDK / CGI (SUNAPI)
FUNCTIONS		
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)
System Control		Mouse, IR Remocoan, Web, SPC-2000 (Controller)
INDICATOR / INTERFACE		
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)
SYSTEM		
Log	Log List	Max. 20000 (System log, Event log each)
GENERAL		
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

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SRN-1673S

16CH Network Video Recorder with PoE Switch

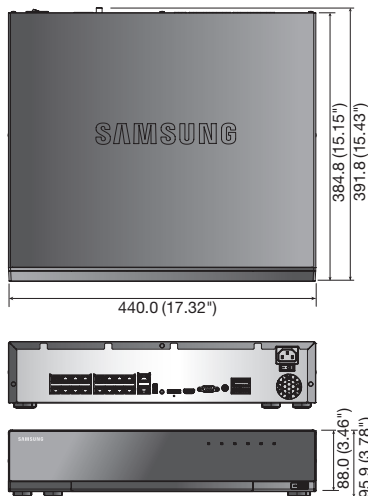


Key Features

- 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

DISPLAY		
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)
PERFORMANCE		
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)
	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 16CH, [Web, CMS] Up to 16CH
	Resolution	CIF ~ 8M
Storage	Fish-eye Dewarping	Via Smartviewer
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Internal	4 SATA (HDD removable at front)
	External (DAS)	1 e-SATA
	Max. Capacity	Internal 16TB
Back up	File Back up	BU/EXE (USB), JPG/AVI (Web, CMS)
	Function	Max. 16CH playback, Date-time/title display
Sensor	Input / Output	8 / 4 (NO 3ea, NO/NC 1ea)
Audio	Input / Compression	16CH (Network) / G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
NETWORK		
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
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)
FUNCTIONS		
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, SSSR, 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)
System Control		Mouse, IR Remocon, Web, SPC-2000 (Controller)
INDICATOR / INTERFACE		
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)
Connections	HDMI / VGA	1ea / 1ea
	Audio	Out 1ea (RCA, Line)
	Ethernet	RJ-45 16ea (PoE/PoE+, 100Mbps), RJ-45 2ea (LAN/WAN, 1Gbps)
	Alarm Reset	In 8ea (Terminal block) / Out 4ea (Terminal block) Yes (Factory reset, Alarm reset)
SYSTEM		
Log	Log List	Max. 20000 (System log, Event log each)
GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC, 50/60Hz / 6 ~ 3A
	Power Consumption	Max. 309W (4 HDD, PoE on), 57W (4 HDD, PoE off)
	PoE Budget	Max. 200W
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
Mechanical	Color / Material	Black / Metal
	Dimensions (WxHxD)	440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U)
	Weight	Approx. 5.6Kg (12.35lb), 1TB HDD 1ea included

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