

SRN-1673S

16CH Network Video Recorder with PoE Switch

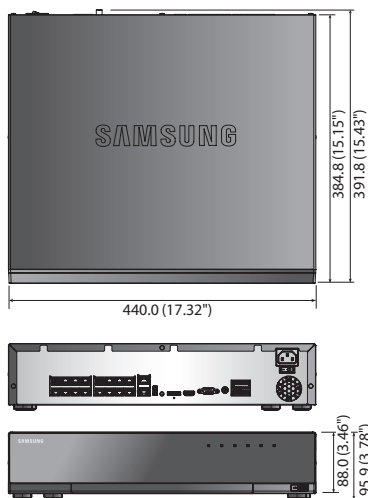


Key Features

- Up to 16CH 8megapixel 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)



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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)
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)
	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
Backup	Max. Capacity	Internal 16TB
	File Backup Function	BU/EXE (USB), JPG/AVI (Web, CMS)
Sensor	Function	Max. 16CH playback, Date-time/title display
	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		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, 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 presets
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, HDD action LED 1ea, Alarm status LED 1ea, Record status LED 1ea, Network action LED 1ea, Backup 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	In 8ea (Terminal block) / Out 4ea (Terminal block)
	Reset	Yes (Factory reset, Alarm reset)
SYSTEM		
Log	Log List	Max. 20,000 (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 (12.35 lb), 1TB HDD 1ea included

* The latest product information / specification can be found at <http://security.hanwhatechwin.com>