



**iPOLiS**

# Convenient Network Recording

## 16/4CH network recorder



16CH/4CH Network Video Recorder

# SRN-1670D/470D



The 1670D/470D is a high-quality, high performance network video recorder supporting up to 16/4 network streams. These NVR feature real-time recording capability at 30fps, CIF resolution and supports H.264/MJPEG dual codec makes to enable selecting proper codec that meets users' need. And also, these supports DVD writer and USB ports so user can do easy backup.

- H.264, MJPEG dual codec
- 4CIF high resolution images at 480fps(N), 400fps(P) in real-time (SRN-1670D)
- 4CIF high resolution images at 120fps(N), 100fps(P) in real-time (SRN-470D)
- DVD writer support

# 16CH/4CH Network Video Recorder

## SRN-1670D/470D



SRN-1670D



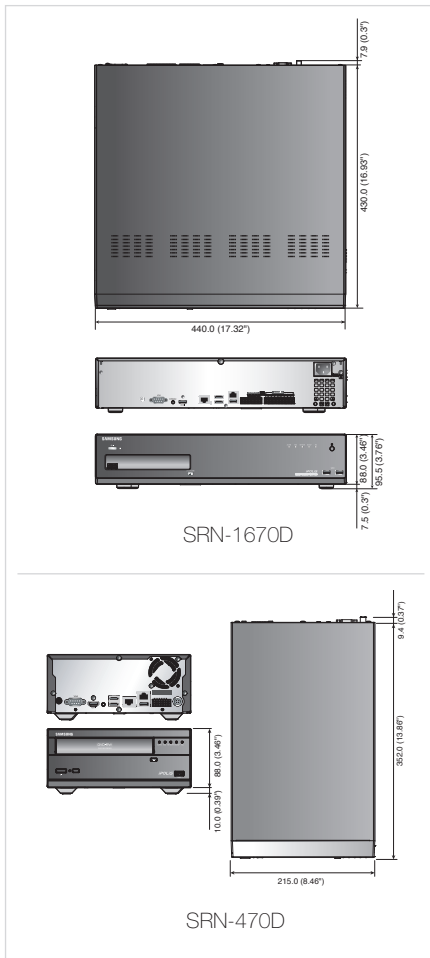
SRN-470D

### Specifications

		SRN-1670D	SRN-470D
<b>DISPLAY</b>			
N/W	Inputs	Up to 16CH (4CIF 480/400fps)	Up to 4CH (4CIF 120/100fps)
Camera	Resolution	VGA, 4CIF, 1.3M, 2M	
	Protocols	Samsung	
Live	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16, Sequence	1 / 4, Sequence
<b>PERFORMANCE</b>			
Operating System	Embedded	Linux	
	Compression	H.264, MJPEG	
	Recording Bit Rate	48Mbps	
Recording	Record Rate / NTSC	Up to 120fps@1.3M, 2M Up to 120fps@1280 x 720 (1M) Up to 480fps@704 x 480 (4CIF)	Up to 120fps@1.3M, 2M Up to 120fps@1280 x 720 (1M) Up to 120fps@704 x 480 (4CIF)
	Record Rate / PAL	Up to 100fps@1.3M, 2M Up to 100fps@1280 x 720 (1M) Up to 400fps@704 x 576 (4CIF)	Up to 100fps@1.3M, 2M Up to 100fps@1280 x 720 (1M) Up to 100fps@704 x 576 (4CIF)
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post)	
	Overwrite Modes	Continuous	
	Pre-alarm	Up to 30sec (5, 10, 20, 30sec)	
	Post-alarm	Up to 6hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
Search & Playback	Playback Speed / NTSC	Up to 30fps@1.3M, 2M Up to 60fps@1280 x 720 (1M) Up to 120fps@704 x 480 (4CIF)	Up to 30fps@1.3M, 2M Up to 30fps@1280 x 720 (1M) Up to 120fps@704 x 480 (4CIF)
	Playback Speed / PAL	Up to 25fps@1.3M, 2M Up to 50fps@1280 x 720 (1M) Up to 100fps@704 x 576 (4CIF)	Up to 25fps@1.3M, 2M Up to 25fps@1280 x 720 (1M) Up to 100fps@704 x 576 (4CIF)
	Search Mode	Date/time, Event, Back up (*All search included preview function)	
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
Network	Ethernet	Gigabit Ethernet x 2	
	Transmission Speed	Up to 48Mbps, Unlimited (48M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	
	Bandwidth Control	Automatic	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
Storage	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP	
	Monitoring	NET-i viewer, Webviewer	
	Internal HDD	Up to 5 SATA HDDs	Up to 1 SATA HDD
	External HDD	eSATA interface	
	DVD Writer (Back up)	Yes	
	USB (Back up)	3 USB ports	2 USB ports
	File Format (Back up)	BU (NVR player), EXE (Include player)	
Security	Password Protection	1Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function	
	Data Authentication	Watermark	
<b>INTERFACE</b>			
Monitors	VGA	Analogue RGB 1280 x 1024(60Hz) resolution	
	HDMI	720p/1080p(60Hz) resolution	
Audio	Inputs	N/A (Network audio support, up to 16CH)	N/A (Network audio support, up to 4CH)
	Output	RCA x 1	
	Compression	G.711/723/726	
Alarm	Inputs	Terminal 16 inputs, NO/NC	Terminal 4 inputs, NO/NC
	Outputs	Terminal 4 relay outputs, NO/NC	Terminal 2 relay outputs, NO/NC
	Remote Notification	Notification via e-mail	
Connections	Ethernet	2 RJ-45 10/100/1000 Base-T	
	USB	USB 2.0, 3 ports	USB 2.0, 2 ports
	eSATA	2 ports	
Dome	Application Support	Mouse, Remote controller	
Protocols	Supported	Samsung network products (Network PTZ)	
<b>GENERAL</b>			
Electrical	Input Voltage / Current	100 ~ 240V AC $\pm$ 10%, 50/60Hz, Auto ranging	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, 55W
	Power Consumption	Max. 60W (With 1x HDD)	Max. 36W (With 1x HDD)
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)	
	Operating Humidity	20% ~ 85% RH	
Mechanical	Dimensions (WxHxD)	440.0 x 88.0 x 430.0mm (17.32" x 3.46" x 16.93")	215.0 x 88.0 x 352.0mm (8.46" x 3.46" x 13.86")
	Weight (2x Hard Disks)	Approx. 7.5Kg (16.53 lb)	Approx. 3Kg (6.61 lb)
	Rack Mount Kit	2ea	N/A
Language		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumania, Serbia, Croatia, Hungarian, Greek (22 Language)	

### Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



#### SAMSUNG TECHWIN CO., LTD.

701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400  
Tel : +82-70-7147-8741-8749, 8752-8760 Fax : +82-31-8018-3745  
www.samsungipolis.com www.samsungsecurity.com

#### SAMSUNG TECHWIN AMERICA Inc.

100 Challenger Rd. Suite 700 Ridgely Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124  
www.samsungcctvusa.com

#### SAMSUNG TECHWIN EUROPE LTD.

Samsung House, 1000 Hillwood Drive, Hillwood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 0PS  
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

#### TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.

No.11 Wei 6 Street, Micro-Electronic Industrial Park  
Jingang Road, Tianjin, P.R. CHINA 300385  
Tel : +86-22-23887788 Fax : +86-22-23887788

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