

# 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, 4CIF resolution and supports H.264, MPEG-4, MJPEG multiple 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.

- Full HD resolution support
- 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)
- Local monitor output : HDMI & VGA
- DVD writer support

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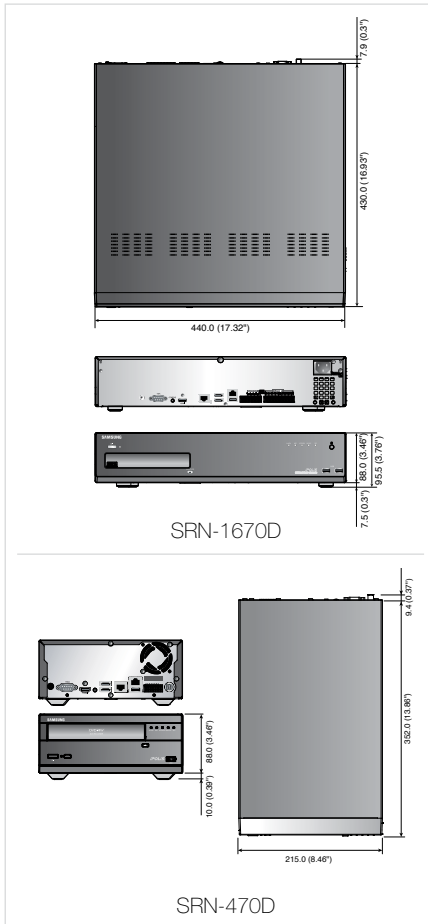
SRN-1670D



SRN-470D

## Dimensions

Unit : mm (inch)



## Specifications

		SRN-1670D	SRN-470D
<b>DISPLAY</b>			
N/W	Inputs	Up to 16CH	Up to 4CH
Camera	Resolution	VGA (640 x 480) / SVGA (800 x 600) / 4CIF (704 x 480) / 1.3M (1280 x 1024) / 2M (1920 x 1080) / 3M (2048 x 1536)	
	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, MPEG-4, MJPEG	
	Recording Bit Rate	64Mbps	
Recording	Mode	4CIF (704 x 480) / 1.3M (1280 x 1024) / 2M (1920 x 1080) / 3M (2048 x 1536)	
	Overwrite Modes	Manual, Schedule (Continuous / Event), Event (Pre / Post)	
	Pre-alarm	Selectable (Stop / Continuous)	
	Post-alarm	Up to 15sec (5,10,15sec) * 4CIF standard resolution	
Search & Playback	Playback Speed	Up to 6hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
	Resolution	4CH	
	Search Mode	4CIF (704 x 480) / 1.3M (1280 x 1024) / 2M (1920 x 1080) / 3M (2048 x 1536)	
Network	Search Function	Date/time, Event, Back up (*All search included preview function)	
	Ethernet	Fast forward / backward, Slow forward / backward, Step forward / backward	
	Transmission Speed	Gigabit Ethernet x 2	
	Bandwidth Control	Up to 48Mbps, Unlimited (48M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	
	Monitoring	Automatic	
Storage	Internal HDD	Up to 5 SATA HDDs	Up to 1 SATA HDD
	External HDD	eSATA interface	
	DVD Writer (Back up)	Yes	
Security	USB (Back up)	3 USB ports	
	File Format (Back up)	2 USB ports	
	Password Protection	BU (NVR player), EXE (Include player)	
	Data Authentication	1Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function	
	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	
Alarm	Compression	G.711, G.723.1, G.726	
	Inputs	Terminal 16 inputs, NO/NC	Terminal 4 inputs, NO/NC
	Outputs	Terminal 4 relay outputs, NO/NC	Terminal 2 relay outputs, NO/NC
Connections	Remote Notification	Notification via e-mail	
	Ethernet	2 RJ-45 10/100/1000 Base-T	
	USB	USB 2.0, 3 ports	USB 2.0, 2 ports
Dome Protocols	eSATA	2 ports	
	Application Support	Mouse, Remote controller	
	Supported PTZ Cameras	Samsung network products (Network PTZ)	
<b>GENERAL</b>			
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, 4 ~ 1.5A	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, 1.2A
	Power Consumption	Max. 56W (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 (1x Hard Disks)	Approx. 7.1Kg (15.65 lb)	Approx. 3.7Kg (8.16 lb)
	Rack Mount Kit	2ea	
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)	



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.



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