SAMSUNG

SRD-1670/1670D
16CH H.264 Digital Video Recorder

16CH	H.264	480ips(N) 400ips(P)	Max.6TB HDD	CMS

Features

- 16ch 4CIF real-time DVR
- Video (H.264) / Audio (ADPCM)
- Up to 480 (NTSC) / 400 (PAL)ips recording rate
- Up to 16ch audio inputs and 1ch audio outputs
- Combined BNC and VGA/HDMI video output for main display
- SRD-1670 : Max 6 internal HDD (HDD x 6)
  SRD-1670D : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA interface
- DDNS
- Built-in web viewer
- DVD-RW (SRD-1670D)
- Event notifications by E-mail

Technical Specifications

		SRD-1670	SRD-1670D
DISPLAY			
Video	Inputs	16 Composite video 0.5-1 Vpp, 75 ohm automatic termination	
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
Live	Frame Rate	NTSC : 480ips / PAL : 400ips	
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP	
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 480ips@704 x 480 / PAL : Up to 400ips@704 x 576 NTSC : Up to 480ips@704 x 240 / PAL : Up to 400ips@704 x 288 NTSC : Up to 480ips@352 x 240 / PAL : Up to 400ips@352 x 288	
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25ips)	
	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	Search Mode	Date/Time, Event, Back up, Pos, Motion (*All searching mode include prview function)	
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
Network	Transmission Speed	Up to 15 Mbps, Unlimited 4M / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps	
	Bandwidth Control	Automatic	
	Multi Stream	H.264 (4CIF / 2CIF / CIF)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP	
	Monitoring	Net-i viewer, Smart viewer, Web viewer	
Storage	Internal HDD	Up to 6 SATA HDDs	Up to 5 SATA HDDs
	External HDD	Up to 2 expansion bay (up to 4 HDD each)	
	DVD Writer (Back up)	N/A	Yes
	USB (Back up)	3 USB Ports	
	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)	
Security	Password Protection	1 Admin, 10 Group , 20 User per 1 Group, User can be assigned authority for function	
	Data Authentication	Watermark	
INTERFACE			
Monitors	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution	
	HDMI	480p / 720p / 1080p resolution	
	Main Composite	BNC, 1 Vp-p, 75 ohm	
	Spot Composite	1 BNC, 1 Vp-p, 75 ohm, Support multi screen and camera title	
	Loop Outputs	16	
Audio	Inputs	16 Line in (Built in 4ch, Option : audio extension cable)	
	Output	1 Line	
	Compression	ADPCM	
	Sampling Rate	16KHz	
Alarm	Inputs	Terminal 16 inputs, NO/NC	
	Outputs	Terminal 4 relay outputs, NO/NC	
	Remote Notification	Notification via e-mail	
Connections	Ethernet	1 RJ-45 10/100/1000 Base-T	
	Serial Interface	RS-232	
	PTZ Control Interface	RS-485	
	PTZ Keyboard	RS-485	
	USB	USB 2.0, 3 ports	
	eSATA	2 External SATA ports	
	Application Support	Mouse, Remote controller	
Communication Protocols	Supported	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, Phillips, AD	
	PTZ Cameras	DIAMOND, ERNA, KALATEL, VCL TP, VICON	
GENERAL			
Electrical	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
	Power Consumption	Max. 55W (With 1x HDD) / Max. 65W (With 2x HDD)	
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)	
	Operating Humidity	20% ~ 85%RH	
Mechanical	Dimensions (WxHxD)	440 x 88 x 430mm (17.32" x 3.46" x 16.93")	
	Weight (2x Hard Disks)	Approx. 7.5Kg (16.53 lb)	
	Rack Mount Kit	2ea	
Language		English, Korean, Spanish, French, German, Italian, Portuguese, Polish, Russian,Turkish, Japanese, Czech, Swedish, Danish, Chinese, Netherlands	

Dimensions

Unit : mm (inch)

11.4 (0.45")

430 (16.93")

10.5 (0.41") 88 (3.46")

440 (17.32")

FC c UL us LISTED CE