

SRD-1676D

16CH 1280H Real-time Coaxial DVR

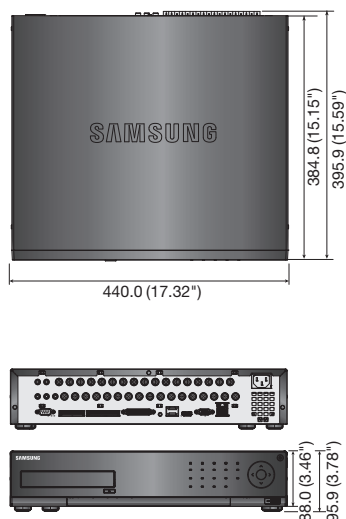


Key Features

- 16CH 1280H real-time DVR
- Up to 480(NTSC) / 400(PAL)fps recording rate
- HDMI / VGA video output
- 16CH audio inputs / 1CH audio output
- Max. 4 internal HDDs
- PTZ control via coaxial cable (Samsung CCVC, Pelco-C)
- DVD-RW, Smart phone support (Android / iOS)
- Accurate still image (De-Interlace support each channel)
- Enhanced Network Bandwidth up to 32Mbps

Dimensions

Unit : mm (inch)



		SRD-1676D	
DISPLAY			
Video	Inputs	16 Composite video 0.5-1 Vpp, 75 ohm automatic termination	
	Resolution	NTSC : 1280 x 480, 720 x 480 / PAL : 1280 x 576, 720 x 576	
Live	Frame Rate	NTSC : 480fps / PAL : 400fps	
	Resolution	NTSC : 1280 x 480, 720 x 480 / PAL : 1280 x 576, 720 x 576	
	Multi Screen Display	1 / 4 / 7 / 9 / 13 / 16 / 16A / Sequence / PIP	
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 480fps@1280 x 480 / PAL : Up to 400fps@1280 x 576 NTSC : Up to 480fps@704 x 480 / PAL : Up to 400fps@704 x 576 NTSC : Up to 480fps@704 x 240 / PAL : Up to 400fps@704 x 288 NTSC : Up to 480fps@352 x 240 / PAL : Up to 400fps@352 x 288	
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 30 fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps)	
	Event	Video loss, Motion (Level 1 ~ 10), Alarm, Tampering (Level 1 ~ 3)	
	Overwrite Modes	Selectable (Stop / 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 search include preview function)	
	Playback Function	Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with i-frame only Slow forward / backward (1/2x, 1/4x, 1/8x) Step forward / backward *Backward play with i-frame only	
Network (IPv4)	Transmission Speed	4CIF / 2CIF / CIF (NTSC : 120 / 240 / 480fps, PAL : 100 / 200 / 400fps)	
	Bandwidth	Up to 32Mbps	
	Bandwidth Control	Selectable	
	Stream	H.264 (4CIF / 2CIF / CIF selectable)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
Smart Phone	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, HTTPS, DDNS, RTP, RTSP, SNMP	
	Monitoring	SmartViewer, Webviewer, SSM (CMS)	
	Platform	Android, iOS	
Storage	Internal HDD	RTP, RTSP, HTTP, CGI	
	External (e-SATA Interface)	Live 2, Search 1	
Security	DVD Writer (Back up)	Up to 4 SATA HDDs	
	USB (Back up)	2 External SATA ports (*Expansion bay, Model : SVS-5R/5E)	
	File Format (Back up)	Yes	
	Data Authentication	2 USB ports	
INTERFACE	File Format (Back up)	BU (DVR player), EXE (Include player), AVI	
	Password Protection	1 Admin, 10 Group, 10 User per 1 group	
	Watermark	Watermark	
	Monitors	VGA	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080)
		HDMI	1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080)
		Digital spot (2CH)	1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080)
		Loop Outputs	Digital spot (2CH) *Included OSD on screen, multi mode support (1CH) 16CH
	Audio	Inputs / Output	16CH line in (Built-in 4CH, option : audio extension cable) / 1CH line out
		Compression	G.711
		Sampling Rate	8KHz
Alarm	Inputs / Output	Terminal 16 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 250V AC / 0.25A	
	Remote Notification	Notification via e-mail	
Connections	Ethernet	1 RJ-45 10/100/1000 Base-T	
	Serial Interface	RS-232/RS-485 (Full duplex) for PTZ, Samsung system keyboard	
	USB	USB 2.0, 2 ports	
	eSATA	2 External SATA ports	
	Application Support	Mouse, Remote controller	
GENERAL	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	
	Coax Protocol	Samsung CCVC, Pelco-C	
	GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
	Power Consumption	Max. 60W (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 384.8mm (17.32" x 3.46" x 15.15")	
	Weight (With hard disks)	Approx. 6.6Kg (14.61 lb)	
	Rack Mountable	Yes	
Language	English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Rumania, Serbia, Croatia, Hungary, Greek, Finnish, Norwegian, Korean, Japanese, Chinese (Traditional), Thai, Taiwanese (25 Language)		

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