

# SRD-1676D

16CH 1280H Real-time Coaxial DVR

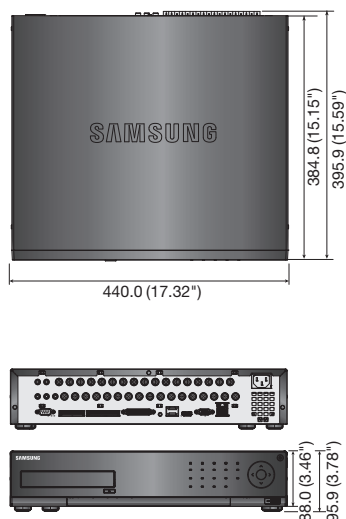


## Key Features

- 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
<b>DISPLAY</b>		
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
<b>PERFORMANCE</b>		
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
	Password Protection	2 USB ports
INTERFACE	Data Authentication	BU (DVR player), EXE (Include player), AVI
	Watermark	1 Admin, 10 Group, 10 User per 1 group
Monitors	VGA	Watermark
	HDMI	1 VGA (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)
Audio	Inputs / Output	16CH
	Compression	16CH line in (Built-in 4CH, option : audio extension cable) / 1CH line out
	Sampling Rate	G.711
Alarm	Inputs / Output	8KHz
	Remote Notification	Terminal 16 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 250V AC / 0.25A
Connections	Ethernet	Notification via e-mail
	Serial Interface	1 RJ-45 10/100/1000 Base-T
	USB	RS-232/RS-485 (Full duplex) for PTZ, Samsung system keyboard
	eSATA	USB 2.0, 2 ports
	Application Support	2 External SATA ports
GENERAL	RS-485 Protocol	Mouse, Remote controller
	Coax Protocol	Samsung T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE
	Coax Protocol	Samsung CCVC, Pelco-C
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)
Language	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](http://www.samsungsecurity.com)