

# SRD-1650DC

16CH CIF Real-time H.264 Digital Video Recorder



## Key Features

- 16CH CIF real-time DVR
- Up to 480(NTSC) / 400(PAL)fps recording rate
- Max. 5 internal HDD (HDD x 5)
- PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]
- DVD-RW
- Support for smart phone

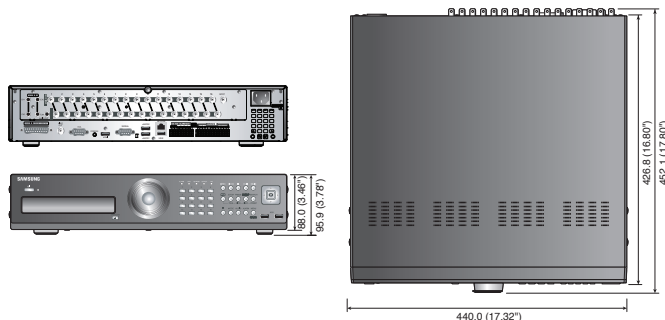
## Accessory (Optional)



SRX-AU121I

## Dimensions

Unit : mm (inch)



## Technical Specifications

		SRD-1650DC
<b>DISPLAY</b>		
Video	Inputs	16 Composite video 0.5-1 Vp-p, 75 ohm automatic termination
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Frame Rate	NTSC : 480fps / PAL : 400fps
Live	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP
<b>PERFORMANCE</b>		
Operating System	Embedded	Linux
	Compression	H.264
Recording	Record Rate	NTSC : Up to 120fps@704 x 480 / PAL : Up to 100fps@704 x 576 NTSC : Up to 240fps@704 x 240 / PAL : Up to 200fps@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 (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25fps)
	Overwrite Modes	Continuous
Search & Playback	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 Mode	Date/Time, Event, Back up, Pos, Motion (*All search include preview function)
Network	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward
	Transmission Speed	CIF 480/400fps
	Bandwidth	Up to 8Mbps, Unlimited (8M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps
	Bandwidth Control	Selectable
Smart Phone	Stream	H.264 (4CIF / 2CIF / CIF selectable)
	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, SmartViewer, Webviewer
Storage	Smart Phone	Android, i-Phone
	Protocol Support	RTSP/RTP (UDP), CGI, HTTP
	Transmission Speed	Wi-Fi : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel) 3G : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel)
Security	Max. Remote Users	Live 1
	Internal HDD	Up to 5 SATA HDDs
	External HDD	Up to 2 expansion bay (Up to 4 HDD each)
	DVD Writer (Back up)	Yes
INTERFACE	USB (Back up)	3 USB ports
	File Format (Back up)	AVI, BU (DVR player), EXE (Include player)
Monitors	Password Protection	1 Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function
	Data Authentication	Watermark
Audio	VGA	1 VGA (800 x 600, 1024 x 768, 1280 x 1024)
	HDMI	480p / 720p / 1080p resolution
	Main Composite	1 BNC, 1 Vp-p, 75 ohm
Alarm	Spot Composite	Digital spot (1 BNC, 1 Vp-p, 75 ohm), support multi screen and camera title
	Loop Outputs	16
	Inputs / Output	16CH line in (Built-in 4CH, option : audio extension cable) / 1CH line out
Connections	Compression	ADPCM
	Sampling Rate	16KHz
	Inputs / Output	Terminal 16 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 125V AC / 0.5A
GENERAL	Remote Notification	Notification via e-mail
	Ethernet	1 RJ-45 10/100/1000 Base-T
	Serial Interface	RS-232/RS-485 for PTZ, Samsung system keyboard
	USB	USB 2.0, 3 ports
Electrical	eSATA	2 External SATA ports
	Application Support	Mouse, Remote controller
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Philips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]
Environmental	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, Autoranging
	Power Consumption	Max. 60W (With 1x HDD)
Mechanical	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
	Dimensions (WxHxD)	440.0 x 88.0 x 426.8mm (17.32" x 3.46" x 16.80")
Language	Weight (With hard disks)	Approx. 7.5Kg (16.53 lb)
	Rack Mount Kit	2ea
Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumanian, Serbian, Croatian, Hungarian, Greek (22 Language)		