

SRD-1650/1650D

16CH H.264 Digital Video Recorder

DVR



Features

- 16ch 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-1650 : Max 6 internal HDD (HDD x 6)
SRD-1650D : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA interface
- DDNS
- Built-in web viewer
- DVD-RW (SRD-1650D)
- Event notifications by E-mail

Technical Specifications

	SRD-1650	SRD-1650D	
DISPLAY			
Video	Inputs	16 Composite video 0.5-1 Vpp, 75 ohm automatic termination	
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
	Frame Rate	NTSC : 480ips / PAL : 400ips	
Live	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 120ips@704 x 480 / PAL : Up to 100ips@704 x 576 NTSC : Up to 240ips@704 x 240 / PAL : Up to 200ips@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 / 15ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5ips)	
	Overwrite Modes	Continuous	
Search & Playback	Pre-alarm	Up to 30sec. (5, 10, 20, 30sec.)	
	Post-alarm	Up to 6hour. (5, 10, 20, 30 sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
	Search Mode	Date/Time, Event, Back up, Pos, Motion (*All searching mode include preview function)	
Network	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
	Transmission Speed	Up to 15Mbps, Unlimited 4M / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps	
	Bandwidth Control	Automatic	
Storage	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	
Security	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
Interface	USB (Back up)	3 USB ports	
	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)	
General	Password Protection	1 Admin, 10 Group, 20 User per 1 Group, User can be assigned authority for function	
	Data Authentication	Watermark	
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	
Alarm	Sampling Rate	16KHz	
	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 Base-T	
	Serial Interface	RS-232	
	PTZ Control Interface	RS-485	
	PTZ Keyboard	RS-485	
Communication Protocols	USB	USB 2.0, 3 ports	
	eSATA	2 External SATA ports	
	Application Support	Mouse, Remote controller	
GENERAL	Supported	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, Philips, AD	
	PTZ Cameras	DIAMOND, ERNA, KALATEL, VCLTP, VICON	
Electrical	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
	Power Consumption	Max. 55W (With 1xHDD) / Max. 65W (With 4xHDD)	
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)	
Language	Rack Mount Kit	2ea	
		English, Korean, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Swedish, Danish, Chinese, Netherlands	

Dimensions

Unit : mm (inch)

