

SRD-1610/1610D

16CH H.264 Digital Video Recorder

DVR



16CH

H.264

120ips(N)
100ips(P)

Max.6TB HDD

CMS

Features

- 16ch DVR
- Video (H.264) / Audio (ADPCM)
- Up to 120 (NTSC) / 100 (PAL)ips recording rate
- Up to 4ch audio inputs and 1ch audio output
- Combined BNC and VGA video output for main display (up to 1280 x 1024)
- SRD-1610 : MAX 6 internal HDD (HDD x 6)
SRD-1610D : MAX 5 internal HDD (HDD x 5)
- HDD & DVD SATA interface
- DDNS
- Built-in web viewer
- DVD R/W (SRD-1610D)
- Event notifications by E-mail

Technical Specifications

		SRD-1610	SRD-1610D
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	
Record Rate		NTSC : Up to 30ips@704 x 480 / PAL : Up to 25ips@704 x 576	
		NTSC : Up to 60ips@704 x 240 / PAL : Up to 50ips@704 x 288	
Recording		NTSC : Up to 120ips@352 x 240 / PAL : Up to 100ips@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)	
Search & Playback	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 Mode	Date/Time, Event, Back up, Pos, Motion (*All searching mode include preview function)		
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
Transmission Speed		Up to 4 Mbps, Unlimited 4M / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps	
	Bandwidth Control	Automatic	
Network	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-1 viewer, Smart viewer, Web viewer	
Storage	Internal HDD	Up to 6 SATA HDDs	Up to 5 SATA HDDs
	External HDD	N/A	
	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	N/A	
	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	
	Inputs	4 Line in	
Audio	Output	1 Line	
	Compression	ADPCM	
Sampling Rate		16KHz	
	Inputs	Terminal 16 inputs, NO/NC	
Alarm	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	
Communication Protocols	USB	USB 2.0, 3 ports	
	eSATA	N/A	
	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. 35W (With 1x HDD) / Max. 45W (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. 7.3Kg (16.09 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)

