



### Specification

Model number	SRD 408/416 pc base DVR	
System	Embedded Linux	
Operating system	Recording, playback, network access, backup	
Simultaneous operation	Multiple password protection	
Security	Yes	
Watch dog	Yes	
Video		
Inputs	BNC * 8	BNC * 16
Outputs	D-type VGA connector, TV-out	
Video signal	NTSC / PAL / SECAM	
Display resolution	1024 x 768	
Recording resolution	640 x 480	
Compression	MPEG4	
Audio	1-ch	
Video recording		
Display/ Recording speed(fps)	240 / 240 (distributed among channels at will)	480 / 240 (distributed among channels at will)
Recording mode	Schedule / manual / alarm / continuous	
Display mode	1/4/6/8 division.	1/4/6/8/9/10/13/16 division.
Search mode	Live / playback	
Alarm	Time / alarm searching	
Inputs	4 / 8 / 16(NC / NO) (optional)	
Outputs	4 / 8 / 16(NC / NO) (optional)	
Pre-alarm	10 sec	
Motion detection	User-definable detection areas' sizes and shapes	
Alarm notification	Via e-mail, FTP, SMS	
Video loss detection	Yes	
Network		
Interface	10 / 100 Mbps RJ45 connectors	
Remote access	Live view / playback / download recorded images via IE browser	
Protocol	TCP/IP, FTP, SMTP, ICMP	
Storage		
Hard disk drive bay	6	
External storage	SCSI (options)	
Backup device	Removable HDD(options), CD-R/RW(options), Floppy (options)	
Others		
Watermark	Yes	
Speed dome control	Yes	
Dimesions(WxHxD)	430mm x 310mm x 44mm(17" x 12" x 1.7") approx.	
Operating temperature	0°C~-45°C	
Power required	AC90~260V, 50 / 60Hz	
Power consumption	56W (max. with HDD*2)	
Control Interface	User friendly graphic user interface controlled via a mouse	
HD error detection	Yes	
Language support	8 languages	
Ordering information	SRD408	SRD416



### Recording estimation table

fps	Image quality (320x240)									
	10	20	30	40	50	60	70	80	90	100
480	118.2	83.2	64.0	52.7	51.3	35.5	28.0	26.7	25.7	24.6
240	236.5	166.5	128.0	105.5	102.6	71.0	56.0	53.5	51.5	49.2
210	270.3	190.3	146.3	120.5	117.3	81.1	64.0	61.1	58.8	56.2
180	315.3	222.0	170.6	140.6	136.8	94.6	74.7	71.3	68.6	65.6
150	378.4	266.4	204.8	168.7	164.2	113.5	89.6	85.6	82.3	78.7
120	473.0	333.0	256.0	210.9	205.2	141.9	112.0	107.0	102.9	98.4
90	630.6	443.9	341.3	281.2	273.7	189.2	149.4	142.7	137.2	131.2
70	810.8	570.8	438.8	361.6	351.8	243.3	192.1	183.4	176.4	168.7
60	946.0	665.9	511.9	421.8	410.5	283.8	224.1	214.0	205.8	196.8
30	1891.9	1331.8	1023.9	843.6	821.0	567.6	448.1	428.0	411.7	393.7
15	3783.8	2663.6	2047.8	1687.2	1642.0	1135.3	896.3	856.0	823.4	787.3
7	8108.2	5707.8	4388.1	3615.5	3518.5	2432.7	1920.6	1834.2	1764.3	1687.1
1	56757.7	39954.7	30717.0	25308.6	24629.4	17028.9	13444.3	12839.5	12350.4	11810.0 (hrs)

(\*Estimation based on 200GB HDD)

Reference: 24H=1day, 168HR=1week, 720H=1month,8760H=1year

NOTE: This table is for reference only, actual recording capacity might differ in different environments. That's because SRD416 is using MPEG-4 compression algorithm and VBR(variable bit rate), SRD416 consumes smaller recording size in simple environment and maintains good quality images in changing environments.