



Specification

Model number	SRD308+/316+ pc base DVR	
System	Embedded Linux	
Operating system	Recording, playback, network access, backup	
Simultaneous operation	Multiple password protection	
Security		
Video		
Inputs	1 Vp-p composite signal, BNC * 8	1 Vp-p composite signal, 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	
Video recording		
Recording / PB speed	Up to 120 fps	Up to 240 fps
Recording mode	Schedule / manual / alarm / continuous	
Display mode	1/4/8 division.	1/4/9/16 division.
Search mode	Live / playback Time / alarm searching	
Audio	1ch	
Alarm		
Inputs	4 / 8 / 16(NC / NO) (optional)	
Outputs	4 / 8 / 16(NC / NO) (optional)	
Buzzer	-	
Pre-alarm	Yes	
Motion detection	Yes	
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	
Dimensions(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	SRD308+	SRD316+
Accessory(option)	SRD3001: 4-channel alarm I/O (options)	
	SRD3002: 16-channel alarm I/O (options)	
	SRD3004: SCSI port for external storage (options)	
	SRD3005: 160G HDD (options)	
	SRD3006: 80G HDD (options)	
	SRD3007: CD/RW (options)	



fps	Image quality (320x240)									
	10	20	30	40	50	60	70	80	90	100
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 SRD316 is using MPEG-4 compression algorithm and VBR(variable bit rate), SRD316 consumes smaller recording size in simple environment and maintains good quality images in changing environments.