



**VDR-1601S**  
(Rear view)

Model	VDR-402S	VDR-801S	VDR-1601S
<b>Operation type</b>	Pentaplex (Local Record, Local Playback/Local Settings, Remote Playback/Record, Remote View, Remote Settings)		
<b>Video Input / Output</b>	In: 4xBNC, Out: 2xBNC, 1xVGA	In: 8xBNC, Out: 2xBNC, 1xVGA	In: 16xBNC, Out: 2xBNC, 1xVGA
<b>Display Mode</b>	1/ 4 ch.	1/ 4/ 8/ 9 ch.	1/ 4/ 8/ 9/ 13/ 16 ch.
<b>Resolution (max.)</b>	Display: 720x576, Record: 720x576		
<b>Speed (max.)</b>	Display: 100 fps, Record: <b>D1</b> :1~6fps (Total:24fps), <b>CIF</b> :1~25fps (Total:100fps)	Display: 200 fps, Record: <b>D1</b> :1~6fps (Total:48fps), <b>CIF</b> :1~25fps (Total:200fps)	Display: 400 fps, Record: <b>D1</b> :1~6fps (Total:96fps), <b>CIF</b> :1~25fps (Total:400fps)
<b>Playback channel</b>	2 ch.		
<b>Record Mode</b>	Manual / Timer / Motion / Alarm		
<b>Pre / Post Record Duration</b>	Pre: 1 ~ 30 sec., Post : 10 ~ 300 sec.		
<b>Search Mode</b>	Time / Date / Motion / Alarm		
<b>Video Compression Format</b>	H.264		
<b>Image Quality</b>	VBR : 1 ~ 6		
<b>Audio Input &amp; Output</b>	In: 4xRCA, Out: 1xRCA		
<b>Alarm Input &amp; Output</b>	In: 4 ch.(Pin), Out: 3ch.(Pin) (NC/NO)	In: 16 ch.(Terminal), Out: 5ch.(Terminal) (NC/NO)	
<b>Motion Detection Area &amp; Sensitivity</b>	Area: 22(H) x 18(V), Sensitivity:1~6		
<b>Privacy Masking</b>	8 Areas (Each channel, during preview / monitoring)		
<b>Console Function</b>	Auto Recover after power resume, Hardisc redundant, TV display adjust, Colour, Hue, Brightness, Contrast, Gain, White Level, Email/Pop-up message/Relay out/PTZ/Ch.Rec. for any triggered events, Each channel can choose to record Audio+Video or only Audio/Video		
<b>Hardisc Bay</b>	4 x (SATA)+1xDVDRW or 6 x (SATA)(w/o DVD-RW)		
<b>USB Interface</b>	Pendrive, Hardisc Backup, PC Mouse (for control/setting)		
<b>CDRW / DVDRW</b>	1 x DVD-RW(SATA)		
<b>PTZ Protocol</b>	34 types, Baud Rate:1200~115200bps.		
<b>Network &amp; Control Interface</b>	RJ-45, RS232, RS485		
<b>Network Function</b>	10 users login, full function of DVR settings, DHCP, PPPoE, DDNS, NTP, Multicast, Email, Alarm Server, FTP		
<b>Remote Software</b>	I.E., Client Software		
<b>Power Supply &amp; Consumption</b>	DC12V 4A		
<b>Operation Temperature &amp; Humidity</b>	10°C ~ 45°C (10%~90%)		
<b>Dimension (approximate)</b>	440(w) x 80(h) x 450(d) mm		
<b>Weight (w/o Hardisc) (approximate)</b>	6 kg	6.5 kg	7 kg

\*\* Design & specification are subject to change without prior notice \*\*