

DSR-5716P 16ch JPEG2000 DVR

DSR-5709P 9ch JPEG2000 DVR



Digital Video Recorder with built-in Multiplexer

- HDD recorder with a complete 16 or 9 channel multiplexer
- Simultaneous recording and playback at 100 IPS
- Live picture monitoring at 800 (50 x 16) IPS and 450 (50 x 9) IPS for DSR-5716P and DSR-5709P respectively
- Built-in H-SSP controller with camera telemetry control
- Storage extension unit VA-EXH for up to 6 extra SATA
- Optional CD-DVD writer VA-EXD1-B
- Easy back-up through USB 2.0
- Networking capability
- Comes with VA-SW5000 DVR management software

DSR-5716P | DSR-5709P

TECHNICAL DATA		DSR-5716P	DSR-5709P	
General	Hard disk capacity	Max HDD capacity (technically) per bay 2 TB (2 bays)		
	Picture resolution	720 x 288 (pixels)		
	Compression	JPEG 2000		
	Picture quality	5 levels (Basic, Normal, Enhanced, Fine, Superfine)		
	Recording speed	28 levels (100 to 0.033 FPS)		
	Recording area	Recording area/archive area		
	Number of cameras	16	9	
	Menu language	English, French, German, Spanish		
	Date/Clock set-up	Day/Month/Year/Hour/Minute/Second		
	Magnification	2x digital zoom using the ZOOM button		
Search Mode	Alarm log search, Alarm search, Alarm thumbnail search, Time/Date search, Archive area search, Motion detection search, Bookmark search			
Memory Backup	Approximately 30 days (for 48 hours of electrification)			
Video	Signal format	PAL standard (Color)/CCIR standard (B/W) auto select, 625 lines, 50 IPS		
	Video input	VBS/VS 1.0 V (p-p) 75 Ohm, BNC x 16	VBS/VS 1.0 V (p-p) 75 Ohm, BNC x 9	
	Video output	BNC x 16	BNC x 9	
	Main monitor output	VS 1.0 V (p-p) 75 Ohm BNC x 1, VGA x 1		
	Monitor output 2	VBS/VS 1.0 V (p-p) 75 Ohm BNC x 1		
Audio	VGA output	D-Sub15 pin		
	Audio input	-8 dBs 27 k Ohm unbalanced RCA x 1		
Control signal	Audio output	-8 dBs 600 Ohm unbalanced RCA x 1		
	LAN	10 BASE-T/100 BASE-TX, RJ-45 x 1, compatible protocol: UDP, TCP/IP, HTTP server, DHCP, SMTP, NTP		
Protocols	RS-485/422	RJ-11 x 2 (with a termination switch)		
	USB	USB 2.0 series terminal x 2 (Front x 1, Rear x 1)		
	Alarm input	No-volt contacts (100 ms or more) x 16	No-volt contacts (100 ms or more) x 9	
	Sensor alarm output	Open collector, low level active (max. 25 mA) x 16	Open collector, low level active (max. 25 mA) x 9	
	Remote Control input	Two-wire voltage control x 2		
	Clock set input	No-volt contacts (100 ms or more) x 1		
	Clock set output	Active low, open collector max. 25 mA x 1		
	Alarm output	Relay (DC24 V max. 1A /AC125 V max. 0,3 A)		
	Alarm reset	No-volt contacts (100 ms or more) x 1		
	Warning output	Normal DC 5 V, low level active x 1		
	Disk full output	Normal DC 5 V, low level active x 1		
	Output 1/Output 2	Normal DC 5 V, low level active x 1		
	External timer input	No-volt contacts (100 ms or more) x 1		
	Non Rec output	Normal DC 5 V, low level active x 1		
	Expandable slot	SANYO, Pelco, GE, AD, BBV		
	Electrical	Option SCSI board (Ultra 160 SCSI), Option S-ATA board		
	Physical	Power source	120 V to 240 V AC, 50/60 Hz	
Power consumption		720 mA		
Operating conditions		Temperature: 5-40 °C; Humidity: 80% or less		
Bundled software	Dimensions (W x H x D)	420 x 96 x 365 mm		
	Weight	6.6 kg (with one HDD unit)		
		VA-SW5000 (CCTV system management software)		

VA-SW5000

System environment	Master computer	Slave computer
OS	Windows® 2000 Professional (SP4), Windows® XP Professional	
CPU	Pentium® 4 - 3.4 GHz or faster (Recommended: Pentium® 4 - 3.4 GHz)	Pentium® 4 - 3.0 GHz
RAM	1024 MB or more	
Video	XGA (1024 x 768 pixel) 16-bit color, DirectX® 9.0 or above (Recommended graphics cards) ATI: RADEON 9000 series or later NVIDIA®: GeForce 4 series or later, Quadro 4 series or later Matrox: Millennium P series or later (on-board video is not recommended)	
Monitor	XGA (1024 x 768 pixel) 16-bit color	
HDD	System setup area: 120 MB Data save area: 2GB or above	System setup area: 120 MB
LAN port	100 Mbps x 1 (Recommended: 1 Gbps x 1) 100 Mbps x 1	
Network Computer side	LAN: 100 Mbps (Recommended: 1Gbps) Internet: 1.5 Mbps (Downstream) [Recommended: 5 Mbps]	
Network DVR side	LAN: 10 Mbps (Recommended: 100Mbps) Internet: 1.5 Mbps (Upstream) [Recommended: 5 Mbps]	
Others	CD-ROM Drive (for Software Install) E-mail account x 1 (SMTP/POP)	CD-ROM Drive (for Software Install)

Optional accessoires (sold separately)

External HDD unit VA-EXH

VA-EXH up to four HDDs enables a drastic increase in recording capacity.



Disc writer VA-EXD1 B

Backup important data on DVD+R/RW discs or CD-R/RW discs with the USB connection.



DSR-5716P (16 inputs and 16 outputs)
DSR-5709P (9 inputs and 9 outputs)

