

S P E C I F I C A T I O N

XVR-824

XVR1648

Performance		PENTAPLEX Operation System	
Display Speed (NTSC / PAL)		240 / 200 fps	480 / 400 fps
Recording Speed	Max. CIF (352*240)	240 / 200 fps	480 / 400 fps
	Max. 2CIF (360*240)	120 / 100 fps	240 / 200 fps
	Max. 4CIF (704*240)	60 / 50 fps	120 / 100 fps
Video In	Signal Level	1.0Vpp Composite (+-10%) / 75Ohm Balanced	
	Channel	8 ch(BNC)	16 ch(BNC)
Video Out	Main Display	1 XGA (1024 x 768 @ 60Hz)	1 XGA (1024 x 768 @ 60Hz)
	Loop-Out	8 ch(BNC)-Loop Out / 1ch(BNC) Out / 1 S-Video	16 ch(BNC)-Loop Out / 1ch(BNC) Out / 1 S-Video
	Spot out	2ch Digital(BNC) / 2ch Analog(BNC)	4 ch Digital(BNC)
Audio	Input / output	4 Line in (RCA) / 1 Line out (RCA) , Codec:G.711(64Kbps)	
Alarm	DI / DO	8 input / 8 digital out (5Vpp)	16 input / 16 digital out (5Vpp)
	Panic Alarm Input	Yes	
Control Device		Keypad/PTZ Control keyboard/ Remote controller/ USB mouse / USB Keyboard	

>> Details

Screen	Display Split	1, 4, 5, 6, 8	1, 4, 6, 8, 9, 13, 16
	Interface	Graphic User Interface	
Video	Format	NTSC / PAL Auto detection	
	Codec	Modified MPEG-4	
	Image Quality	Highest/ High/ Standard/ Low	
	Recording type	Continuous/ Motion/ Alarm	
Multi-Language Support		English, Spanish, Portuguese, Russian, Polish, Italian, Korean, Japanese, French, German	
System Reliability	Functions	Water Mark, Watch Dog, Shutdown detection, Auto Recovery , Factory Default	
	firmware Update	by USB or Network	
Storage	Interface type	PATA, SATA (option)	
	HDD /Capacity	Up to 4 HDD (Not Capacity limited) + 1 CD/DVD-RW External SCSI (option)	
	Reording HDD mode	Write once / Overwriting	
Power	Source / Consumption	120 to 240 VAC / Approx. 60 watt	
Connectors	USB port	USB port * 4 (Ver 2.0, Front: 2, Rear: 2)	
	RS-232	1-D type female connector (for PTZ, GPS)	
	RS-485	2 pin (for Keyboard, PTZ, GPS or POS connection)	

>> Functions

Motion	Area / Sensitivity	Adjustable(16x16 GRID) / 10 steps	
Event	Source	Sensor in, Motion detection, Video loss	
	Action	Recording, Digital Out, e-Mail notification , Log file, Send mess to Remote, Buzz Out, Pop Up Widow	
	Pre/Post Alarm	Yes (Up to 5 sec / 5 min)	
PTZ	Signal input	RS 485 (Local & Remote Control)	
Playback	Screen Split	1, 4, 8	1, 4, 8, 16
	Speed	x1, x2, x3, x4, x8, x16, x32, x64	
	other fuctions	Live View Window, Smart Search, Panorama Search, Synch. with Audio	
Back Up	file format	AVI	
	Media	USB Device(HDD,DVD,Flash Memory), Network, CD/DVD-RW	
Network	Protocol	TCP/IP(Dynamic IP Support), DHCP, DDNS	
	Physical/Mac Layer	RJ45, Ethernet	
	Max no. of connections	4 User	
	other fuctions	Two-Way Audio, Bandwidth Throtting, PDA View, Mobile phone support	
	Browser	Remote S/W provided, Web Browser (Internet Explorer)	
Other functions		Daylight Saving Time,	
OSD		Multi Language, Graphic User Interface	