

# H.264 Pentaplex DVR



- ✚ Advance H.264 technology offers highly compressed file size capability for maximum recording time.
- ✚ GUI interface function that can be operated from front panel / mouse / remote controller.
- ✚ Multi motion detection areas
- ✚ Up to Max. 480 fps real-time recording frame.
- ✚ Pentaplex function support: Recording/Backup/Playback/Network and Mobile Surveillance simultaneously.
- ✚ Support 4-ch audio, support 3-ch audio/video synchronization. 1-ch two way audio.
- ✚ Remote backup and playback via IE browser.
- ✚ Support Host USB backup
- ✚ Auto copy video player on to storage device during backup process.
- ✚ Independent channel setting on recording fps, resolution, contrast, and brightness.
- ✚ Smart recording schedule setup for each channel
- ✚ Adjustable XGA resolution output setting.
- ✚ Single channel or multi-channel video backup capability.
- ✚ Max. 16 channels connection via IE browser
- ✚ Independent time duration setup of each backup file.
- ✚ Email notification when alarm is triggered.
- ✚ Support iPhone, Android, Windows Mobile and Symbian.

		FST-EH497		FST-EH897		FST-EH1697	
Video Input		4 Ch Input / BNC		8 Ch Input / BNC		16 Ch Input / BNC	
Audio Input		4Ch Input/ RCA		4Ch Input/ RCA		4 Ch Input/ RCA ( CH.4 is for	
Video Output		1Ch Output / BNC		1Ch Output / BNC		1 Ch Output / BNC	
Audio Output		1Ch Output / RCA		1Ch Output / RCA		1 Ch Output / RCA	
XGA Output		640x480、800x600、1024x768 、1280x1024、1440x900		640x480、800x600、1024x768 、1280x1024、1440x900		800x600、1024x768、1280x1024 24	
Alarm Input		4Ch Alarm In		4Ch Alarm In		4Ch Alarm In	
Alarm Output		Buzzer、2 x Relay Out		Buzzer、2 x Relay Out		Buzzer、2 x Relay Out	
Display Mode		Full Screen, 4 ch Split Screen,		Full Screen, 4/9ch Split		Full Screen, 4/9/13/16 ch Split	
Display Resolution		720 x 480 (NTSC)	720 x 576 (PAL)	720 x 480 (NTSC)	720 x 576 (PAL)	720 x 480	720 x 576
Recording Resolution	Highest	720 x 480 (NTSC)	720 x 576 (PAL)	720 x 480 (NTSC)	720 x 576 (PAL)	D1	D1
	High	720 x 240	720 x 288	720 x 240	720 x 288		
	Normal	360 x 240	360 x 288	360 x 240	360 x 288	360 x 240 (NTSC)	360 x 288 (PAL)
	Frames/se cond	Max. 120 FPS (NTSC) - Max. 100 FPS (PAL)		Max. 240 FPS		Max. 480 FPS (NTSC)	Max. 400 FPS (PAL)
D1	-		-		720 x 480 (NTSC)	720 x 576 (PAL)	
Compression Algorithm		H.264		H.264		Modified H.264	
Operating System		Embedded Linux		Embedded Linux		Embedded Linux	
Pentaplex		Live / Record / Playback / Network / Mobile Phone				Record / Playback / Network /	
Recording Mode		Manual, Schedule, Event		Manual, Schedule, Event		Manual, Schedule, Event	
Schedule Recording		Full Recording, Motion, Alarm, Manual Recording					
Status Indicator		Power, Network, HDD1, HDD2		Power, Network, HDD1, HDD2		Power, Network, HDD1, HDD2	
Event Mode		Alarm Trigger, Motion Trigger, Video Loss					
		Recording Duration: 10~60 sec.		Recording Duration: 10~60 sec.		Recording Duration: 1~60 sec.	
System Log						Up to 2000 recording list	
Playback Mode		Normal Speed: x1		Normal Speed: x1		Normal Speed: x1	
		Fast Forward: x2 / x4 / x8 / x16multiple speed		Fast Forward: x2 / x4 / x8 / x16multiple speed		Fast Forward: x2 / x4 / x8 / x16 / x32 multiple speed	
		Slow Forward: 1/2、1/4、1/8		Slow Forward: 1/2、1/4、1/8		Slow Forward: 1/2、1/4、1/8	
		Fast Rewind: x2 / x4 / x8 / x16		Fast Rewind: x2 / x4 / x8 / x16		Fast Rewind: x2 / x4 / x8 / x16 / x32 multiple speed	
		Frame by Frame Playback: Forward		Frame by Frame Playback: Forward		Frame by Frame Playback: Forward	
		Search Function: Time / Event					
Network Protocol		TCP/IP / PPPoE / DHCP / SMTP / DDNS					
Inter-communication						Yes	
HDD Type		SATA 3.5"HDD x 2 (No HDD Included)					
HDD Management		Automatic Format System		Automatic Format System			
PTZ Control		Communication Protocol		Communication Protocol		Communication Protocol	
Backup Device		USB 2.0 Memory Stick		USB 2.0 Memory Stick		USB 2.0 Flash Memory Stick	
Firmware Update		Host USB		Host USB		Host USB、LAN / WAN	
Multi-Language		English/ Traditional Chinese / Germany /Russian/ French / Spanish / Italian / Portuguese /					
Control Mode		Front Panel / Remote Control / USB Mouse / Internet					
Network Control		IE Browser		IE Browser		IE Browser	
Network Function		Live Display / Playback / PTZ Control / System Setup					
IR Extension		YES (Optional)		YES (Optional)		YES (Optional)	
Power Supply		DC 12V / 4A(AC100V~240V 50/60HZ)					
Unit Dimension		314mm (D)x 430mm (W) x 53		314mm (D)x 430mm (W) x 53		314mm (D)x 430mm (W) x 53	
Weight		2.83kg ( HDD and Power Adapter Not Included)				3kg ( HDD and Power Adapter	
Operating Temperature		0C ~ 46C		0C ~ 46C		0C ~ 46C	