



## 4/8/16-CH D1 REALTIME H.264 Compression DVR



- ✦ Full D1 real-time using the latest H.264 compression.
- ✦ Real-time Recording speed up to 480(400)fps at full D1 resolution.
- ✦ True Pentaplex Operation Performance - Live / Record / Playback / Archive / Network.
- ✦ 16CH audio recording and 1CH audio outputs.
- ✦ Support 1280x1024 display resolution.
- ✦ Various Archiving Devices supported (CD/DVD-RW, USB device, Network).
- ✦ Record by Schedule / Manual / Motion Detection / Alarm Sensor/Remote Recording.
- ✦ Support DDNS, VGA, 16-ch Sensor inputs / 4-ch Alarm outputs.
- ✦ Memory capacity up to 8 SATA HDD.
- ✦ Multilingual OSD.
- ✦ Supports D1, HD1, CIF and QCIF Recording Resolution
- ✦ Supports 3 Users Remote Monitoring Simultaneity
- ✦ Pre-alarm Recording Function (Up To 30 Seconds)
- ✦ Auto-maintain Function (Timing Reboot, Timing Delete Data)
- ✦ Password Protection Function
- ✦ Supports USB Mouse Operation
- ✦ Privacy Area Function
- ✦ PTZ function via Built-in RS-485 port
- ✦ IR Remote Control Included
- ✦ System Auto Recovery after Power Reconnected
- ✦ With Auto-switch Display Function
- ✦ With Digital Zoom Function While Playback
- ✦ With VGA Output



		FST-4D1H2	FST-8D1H2	FST-16D1H2
Video Compression		H.264 Limited bit-stream / H.264 Variable bit-stream		
Video System		NTSC / PAL		
Audio Compression		ADPCM		
Operation System		Linux		
Input / Output	Video	BNC: 4-ch inputs / BNC: 1-ch output / 1-ch VGA output	BNC: 8-ch inputs / BNC: 1-ch output / 1-ch VGA output	BNC: 16-ch inputs / BNC: 1-ch output / 1-ch VGA output
	Audio	BNC: 4-ch inputs / BNC: 1-ch output	BNC: 8-ch inputs / BNC: 1-ch output	BNC: 16-ch inputs / BNC: 1-ch output
Display	Resolution	NTSC: D1(704 x 480) / PAL: D1(704 x 576)		
	Frame Rate	NTSC: 120fps / PAL: 100fps (shared by 4 cameras)	NTSC: 240fps / PAL: 200fps (shared by 8 cameras)	NTSC: 240fps / PAL: 200fps (shared by 8 cameras)
Record	Resolution	NTSC: D1(704x480) / HD1(352x480) / CIF(352x240) / QCIF(176x120)	NTSC: D1(704x480) / HD1(352x480) / CIF(352x240) / QCIF(176x120)	NTSC: D1(704x480) / HD1(352x480) / CIF(352x240) / QCIF(176x120)
		PAL: D1(704x576) / HD1(352x576) / CIF(352x288) / QCIF(176*144)	PAL: D1(704x576) / HD1(352x576) / CIF(352x288) / QCIF(176*144)	PAL: D1(704x576) / HD1(352x576) / CIF(352x288) / QCIF(176*144)
	Frame Rate	NTSC: 120fps-D1 / HD1 / CIF / QCIF (shared by 8 cameras)	NTSC: 240fps-D1 / HD1 / CIF / QCIF (shared by 8 cameras)	NTSC: 480fps-D1 / HD1 / CIF / QCIF (shared by 16 cameras)
		PAL: 100fps-D1 / HD1 / CIF / QCIF (shared by 8 cameras)	PAL: 200fps-D1 / HD1 / CIF / QCIF (shared by 8 cameras)	PAL: 400fps-D1 / HD1 / CIF / QCIF (shared by 16 cameras)
	Mode	Schedule / Manual / Motion Detection / Sensor Triggered		
		Remote Recording		
Playback	Channel	4 channels at the same time	1 Channel / 8 Channels (network)	1 Channel / 16 Channels (network)
	Search	Time & Date / Channel / Type		
	Mode	Pause / Play Backward / Stop Playing / Slow Playback / Fast Playback		
		Fre Frame / Next Frame / Pre File / Next File / Repeat Playback		
Feature	Display	Single / Quad / Eight / Nine / S.E.Q. (Single & Quad)		
	Recording	Perfect / Great / Good / Normal / Poor / Bad		
HDD	Interface	8*SATA Fixed HDD		
	capability	Each support up to 2TB		
USB Interface		1*USB 2.0 for File Backup and Upgrade		
		2*USB 1.1 for Mouse		
PTZ Control		Built-in RS-485 / support PELCO-P & PELCO-D etc up to 18 types		
Sensor & Alarm		4-ch Sensor inputs / 2-ch Alarm outputs	8-ch Sensor inputs / 2-ch Alarm outputs	16-ch Sensor inputs / 16-ch Alarm outputs
Network	Interface	RJ45, 10M/100M / Self-adaptable Ethernet Interface		
	Protocol	Support TCP/IP, DHCP, DNNS, PPPoE		
	Function	Support Remote Monitoring / Playback / PTZ Control / Menu / Setting		
Backup		DAV file via USB flash / USB disk / USB CD/DVD RW / Network		
Recording Pack Time		1 - 120 mins Selectable		
VGA Resolution		800*600 / 1024*768 / 1280*1024 / 1360*768 / 1440*900		
IR Remote Control		Included		
Mouse		Included		