Full HD In Live & Playback

HD over coaxial cable – No IP network required

Features
- 4, 8, 16ch HD SDI DVR with H.264 compression
- HD SDI video input and recording in full HD
- HDMI & VGA Output Full HD
- HD video over coaxial cable : No latency & no extra installation cost for HD video
- Programmable spot out : 1 VGA & 1 BNC spot out supported
- External storage with E-SATA
- Mirroring, Auto-backup

Description
Newly presented "HD SDI DVR" is a powerful DVR displaying & recording in Full HD. It enhances security capability by providing real time live and playback in HD.

It doesn't require no IP experience and complicated installation as it can be installed under existing coaxial cabling without network configuration. Powerful network extensibility is provided by supporting various web connection with IE, Safari, Firefox & etc. and smart phone application with iPhone & Android.

Specification

MODEL		TSR-4000	TSR-8000	TSR-1600
Compression Algorithm		Video : H.264, Audio : G726		
Operating System		Embedded Linux		
Multi-Operation		Pentaplex (Live, Recording, Playback, Backup, Network)		
Video Input	HD SDI	4CH	8CH	16CH
Video Out	HDMI	1		
	VGA / Composite	1 / 1(Test Mode)		
Audio	Input	4	8	8
	Output	1 (HDMI, RCA)		
Interface	Internal HDD	4 x SATA HDD (Up to 3TB)		
	USB 2.0, RS-485	2 x USB, 1 x RS-485		
	E-SATA	1		
	Ethernet	1		
	Sensor Input	4	8	8
	Alarm Output	4 (2xRelay, 2xTTL)		
Live	Display Mode	1, 4	1,4,9	1,4,9,16
	Digital Zoom	Up to x 10		
Recording	Resolution — Max./ch — 1920x1080 — 1280x720	30fps / 60fps / 120fps	15fps / 60fps / 120fps	15fps / 120fps / 240fps
	Mode	Manual / Continuous / Schedule / Motion / Sensor & Pre/Post		
	Storage Extention	Mirroring, Auto-Backup		
Playback & Backup	Speed	Fast Forward/Backward, Step Forward/Backward		
	Search	Search by Time, Calendar , Events and First/Last Search, Preview, Thumbnail		
	Backup Device	USB Memory Stick/HDD & Backup by Network		
	Backup File Format	AVI (With or Without Timestamp), PS (Playback in Player)		
Events & Alarm		Email&FTP Notification / Alarm-out / Buzzer for Events & Video Loss		
		Warning Message & Buzzer for HDD Over-Temperature		
		Alarm & Email Notification-Schedule for Events-Triggering		
Network	Transmission	Video Dual-Stream (Local recording & Network Transmission), Mobile (Jpeg)		
		Video Resolution & Frame rates adjustable		
		Bandwidth adjustable (64/128/256/512Kbps, 1/2/4/10Mbps, Unlimited)		
	C.M.S	Live , Event Manager, E-Map, Playback, Backup , PTZ, DVR Setup		
	Web	Live Monitoring, Playback, Snapshot and PTZ Control		
	Smart Phone	iPhone, Android		
Operation		Front Key Buttons, USB Mouse, IR Remote Control		
Power		DC12V, 5.83A		DC12V, 6.67A
Storage Temperature and Humidity		-20~60 ℃ / 20~95% RH		
Operating Temperature and Humidity		5~40 ℃ / 20~80% RH		
Dimension (WxDxH)		341 x 258 x 60, Packing: 374 x 383 x 126 (mm)		

*Specification is subject to change without prior notice

System configuration

Sensor, alarm & RS-485   HD-SDI camera

Audio out   Video out : HDMI, VGA, BNC   External storage: E-SATA   Internet Client : PC, mobile phone & Tablet