



Stand Alone DVR System

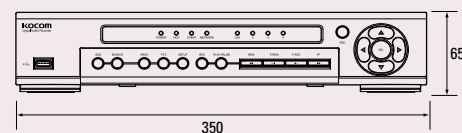
4CH Stand Alone Digital Video Recorder [KRS-SD4500]



KRS-SD4500 is the most reliable and cost efficient **MPEG-4 DVR**. Our well-experienced and prominent R&D staffs, accumulated video compression and networking technologies, have developed up-to-date **4CH Standalone DVR**. This system has the most reliability based on one DSP and the most stability based on own developed file system and RTOS.

• Dimensions

Unit : mm



MPEG-4

MPEG-4 Video Compression

KRS-SD4500 uses MPEG-4 compression, which is renowned for its unbeatable resolution and its compression rate in digital video recording and networking compared to other compression.

TRIPLEX

TRIPLEX

KRS-SD4500 performs Real-time recording, Real-time Playback and Networking simultaneously.

Record Functions

KRS-SD4500 can record date by use of a motion detection, sensor, manual record, continuous record, or preset schedule.

Motion Detection

KRS-SD4500 has been equipped with the most precise motion detection system ever.

USB

Powerful Networking

It is easy to operate and control the primary functions with designated software via LAN and ADSL.

Live monitoring, Search, Backup, Setup, PTZ Control, Remote S/W upgrade, Dynamic IP support, Stable ADSL support.

Reliability

Real Time Operating System and hardware as well as watchdog timer functions ensure the reliability of KRS-SD4500

Simple and convenient Backup Function

KRS-SD4500 enables you to backup Still-images or Video Data into USB flash memory stick.

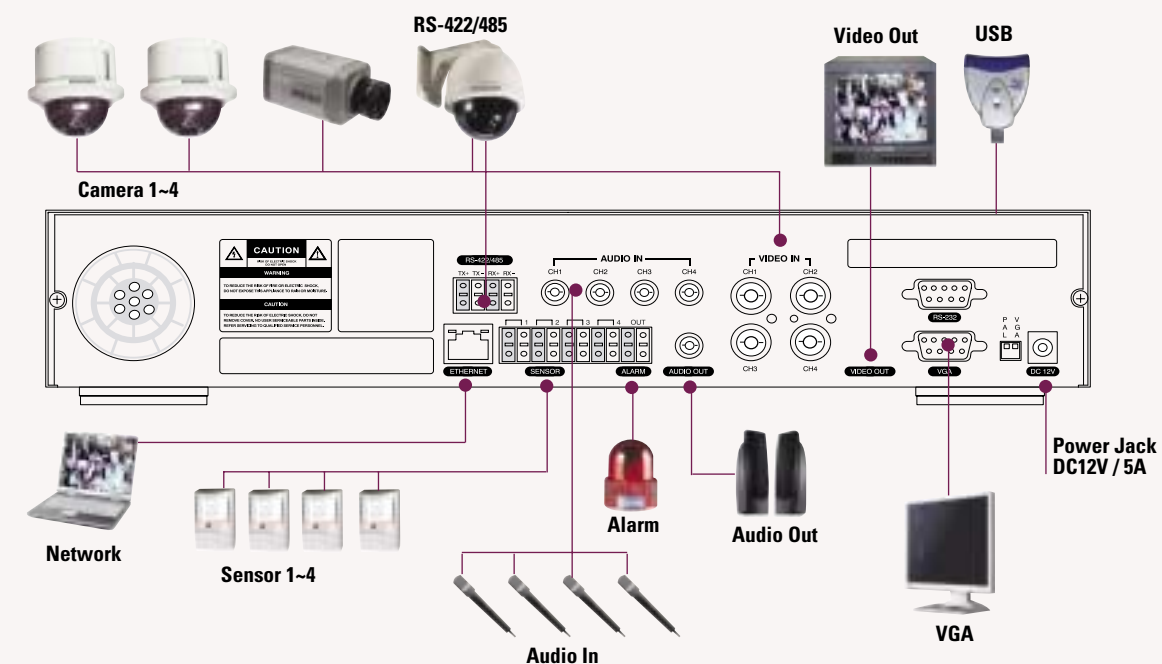
With Network S/W, user can backup Video data or Still-images.

Firmware Upgrade

KRS-SD4500 can be easily upgraded through USB flash memory stick and Network client S/W.

4channels Audio Recording

KRS-SD4500 supports 4 channels audio inputs.



Specifications

Video	Input	Channel : 4 CH Signal Format : NTSC Video Loss Check : Yes	Signal Selection : H/W Selection Input Level : Composite 1.0Vp-p		
	Output	Display output : 1 CH Signal Format : NTSC/PAL	Output Level : Composite 1.0Vp-p Etc Output : 1 VGA		
Audio	Input	Channel : 4 CH Line input			
	Output	Output : 1 CH Line output			
Alarm		Input Channel : 4 (NC/NO Selectable)	Output Channel : 1 (NC/NO Selectable)		
Recording	Compression	MPEG-4			
	Multi-operation	TRIPLEX (Playback/Record/Network)			
	File system	Own developed file system & Never broken by any power failure			
	Resolution	NTSC	PAL		
		360 x 240	720 x 480	360 x 288	720 x 576
	Record Speed	120fps/4ch	30fps/4ch	100fps/4ch	25fps/4ch
	Frame Rate Selection	1 to 30			
	Recording Mode	Continuous / Schedule / Event			
	Motion Detection	Motion Detection, Setup by Grid			
	Pre Recording	5 Seconds			
Display	Frame Rate(/Sec)	30 Frame, 60 field			
	Playback Speed	Play : × 1	Fast Forward / Reverse : × 2,4,8,16,32		
Search		Slow : 1/2, 1/4, 1/16	Frame Advance : Forward/Backward		
	Search Mode	Date, Time, Event			
Storage	Interanl HDD	Interface Type : EIDE/ATA133 Max HDD Number : 1HDD	Max HDD Capacity : 250GB		
	Backup : USB memory stick	JPEG Still Image Backup, Video Data Backup	Network : Moving picture & JPEG Still Image		
User I/F	Menu Display : GUI + Text	Input Method : Front Keypad, Remote controller			
Serial port	Console : 1 RS-232C (9pin D-SUB connector)	Camera control : 1 RS-485 (9pin D-SUB connector)			
Security	User Level Contro : Yes	Password Character Length : 4 Digits			
Network	Dynamic IP support : Yes	Network Interface : 10/100 base-T Ethernet			
Remote Monitoring S/W Access	Remote camera control : Yes	Remote Live / Search : Yes			
	Remote Backup : yes	Network support : ADSL, LAN			
Web browser monitoring	Remote camera control : Yes	Remote Live / Search : Yes			
	Remote Backup : Yes	Network support : ADSL, LAN			
Additional Function	Camera protocol update : Yes	S/W Upgrade : USB Memory Stick			
Other	OS	RTOS			
	Dimension(mm)	350(W) x 65(H) x 260(D)			
	Net Weight with HDD	3.2kg			
	Package Weight with HDD	4.1kg			
	Power	12V ± 2V (Max. 24W)			