



Stand Alone DVR System

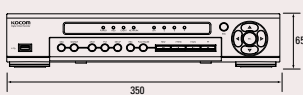
4CH Stand Alone Digital Video Recorder

[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 data 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.



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.

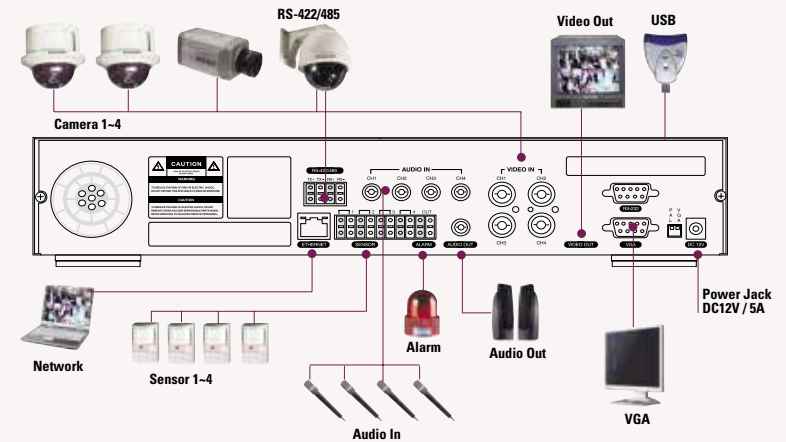
With Network S/W, user can backup Video data or Still-images.

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 : HW 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	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	Resolution	NTSC	PAL
	Record Speed	360 x 240 120fps/4ch	720 x 480 30fps/4ch
	Frame Rate Selection	1 to 30	360 x 288 100fps/4ch
	Recording Mode	Continuous / Schedule / Event	720 x 576 25fps/4ch
	Motion Detection	Motion Detection, Setup by Grid	
	Pre Recording	5 Seconds	
Display	Still Image Capture in playback	Yes	
	HDD Full Warning (Overwrite)	Yes	
Search	Frame Rate (/Sec)	30 Frame, 60 field	
	Playback Speed	Play : x 1 Slow : 1/2, 1/4, 1/16	Fast Forward / Reverse : x 2, 4, 8, 16, 32 Frame Advance : Forward/Backward
Storage	Search Mode	Date, Time, Event	
	Interanal HDD	Interface Type : EIDE/ATA133 Max HDD Number : 1HDD	Max HDD Capacity : 250GB
User I/F	Backup : USB memory stick	JPEG Still Image Backup, Video Data Backup	Network : Moving picture & JPEG Still Image
	Serial port	Menu Display : GUI + Text Console : 1 RS-232C (9pin D-SUB connector)	Input Method : Front Keypad, Remote controller Camera control : 1 RS-485 (9pin D-SUB connector)
Security	Dynamic IP support	Yes	Password Character Length : 4 Digits Network Interface : 10/100 base-T Ethernet
	Remote Monitoring S/W Access	Remote camera control : Yes Remote Backup : yes	Remote Live / Search : 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
	OS	RTOS	
Other	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)	