

*Full features mostly available for existing
DVR functions over the world*



SK-R3 series

Remarkable
Reliable
Reasonable



◆ FEATURES

- Advanced H/W type of MPEG4 codec for both recording & networking
- 240/200fps@1CIF, 120/100fps@Half-D1, or 60/50fps@full D1 recording speed
- Full colored-GUI in Windows-alike S/W platform
- Full operation by USB mouse, IR remote controller
- Different recording resolutions & frame setting in each channel independently
- Different setting of recording frame & network transmission speed independently

Remarkable

◆ Easy Operation

SK-R3 series has a lot of functions like PC DVRs. Nevertheless, it is designed for users to operate easily and friendly like VCR. All functions are simply controlled by USB mouse or IR remote controller.



User Friendly GUI



Windows Alike Operation

◆ Graphic Time Bar Search

The user can select date and time to search for a certain file within the recorded image. The colors of the time bar are different by each recording mode.



Remarkable

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Reasonable

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Remarkable

Reliable

Reliable

Reliable

◆ Detailed Recording Setting

Users are able to set different recording resolution & frame setting in each camera independently



Various recording modes by channel, date, and hour in different colors



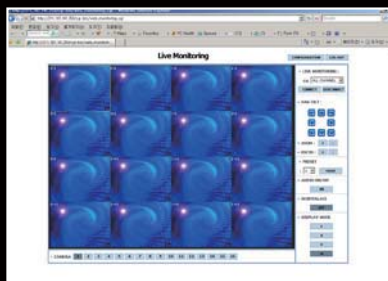
Different resolution by each channel

◆ Web Monitoring by Internet Explorer

Live monitoring, playback and full system setting are available by web-browser



Remote Configuration



Multi-Ch web monitoring

◆ Easy web-monitoring by DDNS

Auto-DDNS-registration in web-browser by Mac address

Reliable

◆ Hardware Watchdog

In case of critical system error, this function offers self system restart to correct itself with maintaining previous record setting.

◆ Auto Deleting

The system will overwrite video whatever is recorded longer than the number of days set by "Auto Del" in accordance with privacy regulation in a certain country.

◆ Pre-alarm

Set recording period in seconds just before perceiving sensor input up to 5 seconds of time length. The system records in certain seconds of time prior to the time that alarm is activated, so that user can search video even before alarm is triggered.

◆ De-interlacing

To solve interlacing problem in backup player, SK-R3 series supports De-interlacing function.



De-interlacing button



De-interlacing



Interlacing

Reasonable

◆ 240/200fps recording speed

240/200fps recording speed

SK-R3 series provides higher recording speed and higher picture quality up to 720 x 480(576)/ch.

▶SK-R312/4 : 4CH, 120/100 fps recording speed

▶SK-R324/8 : 8CH, 240/200 fps recording

▶SK-R324/16 : 16CH, 240/200 fps recording

◆ SXGA Live Display up to 1280 x 1024

Super-crystal live picture quality even by mega-size PDP/LCD

◆ Multi-language

English, Japanese, Chinese, Russian, German, Spanish, Slovak are available by firmware upgrade.

◆ Specification of SK-R3 Series STAND ALONE DVR

Item		SK-R312/4	SK-R324/8	SK-R324/16
Compression		Video : MPEG-4, Audio : G723.1		
HDD&CD/DVD Bay	Internal	3 x HDD (Max) or 2 x HDD + 1 x CD-RW/DVD		
	External	External USB Memory Stick via USB 2.0 Port (For Backup)		
Operating System		Embedded Linux		
Video	Input	4 Ch	8 Ch	16 Ch
	Loop-Out	4 Ch (Default)	8 Ch D-Sub (Option)	16 Ch D-Sub (Option)
Video Signal		NTSC/PAL Selectable		
Display Speed (NTSC/PAL)		120/100fps (Real-time Display)	240/200fps (Real-time Display)	480/400fps (Real-time Display)
Screen Modes		1,4 & PIP	1,4,9 & PIP	1,4,9,16 & PIP
Monitor Output		Main Monitor Output (Composite, S-VHS & VGA) , Spot Monitor Output (Composite)		
Recording Speed (NTSC/PAL)	352x240/288	120/100 fps	240/200 fps	240/200 fps
	720x240/288	120/100 fps	120/100 fps	120/100 fps
	720x480/576	60/50 fps	60/50 fps	60/50 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480, PAL : 352x288, 720x288, 720x576		
Byte Size per Image		2~3 KByte/Frame @ 352x240 (352x288) 4~6 KByte/Frame @ 720x240 (720x288) 8~10 KByte/Frame @ 720x480 (720x576)		
Recording Modes		Continuous,Scheduled,Sensor-Activated & Motion Detection Recording Pre & Post-Alarm Recording, Emergency Recording		
Playback&Search	Speed	x1, x2, x4, x8, x16, x32		
	Function	1,4,9 & 16 Ch (Multi-Channel Playback) Intelli-Search by Time Bar and Calendar (Date & Time) & Event Search		
Audio Input / Output		4 Ch Input / 1 Ch Output		
Alarm I/O & Camera Connection		M : N Mapping		
Alarm Input / Output		4 Ch Input / 4 Ch Output	8 Ch Input / 4 Ch Output	16 Ch Input / 4 Ch Output
PTZ Control & Port		Virtual Joy-Stick Control on Screen , Pan/Tilt/Zoom/Focus/Iris, RS-485 Port		
LAN		10/100BASE-TX Ethernet (RJ45) – Fixed IP, DHCP & DDNS		
Network Transmission	Speed (NTSC/PAL)	Max. 120/100fps	Max. 240/200fps	Max. 240/200fps
	Function	Multi-to-Multi Connection, Multi-channel Transmission Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote) Remote & E-mail Notification		
Remote PTZ Control		Remote Pan/Tilt/Zoom/Focus/Iris		
Remote Management		Remote Configuration, Live Monitoring, E-Map & System Healthy Checking		
Backup Device	Internal	CD-RW & DVD (Option)		
	External	USB HDD or Memory Stick (by USB 2.0 Port at Front & Rear Plate)		
System Recovery after Power Failure		Auto-Rebooting and Journaling File System Auto-Scan and Recovery for Data		
Advanced Functions		Multi-Language, Auto Page Sequencing, Event Log Viewer, Access Control by Password, LED Indicator for Various status, Digital Zoom System Upgrade by USB/Network, System & Event Log Export Water-Mark, AVI File Backup System & HDD Temperature Checking and Auto Alarm for Over-Temperature		
System Operation		Button on Front Panel, IR Remote Controller, USB Mouse		
Storage Temperature and Humidity		-20~60 °C / 20~95% RH		
Operating Temperature and Humidity		5~40 °C / 20~80% RH		
Power		12V DC 8A, 50~60Hz		
Dimension (WxDxH)		360 x 460 x 70 mm		
Remote Software		RemoteManager (16 Ch) & Web Browser & CMS		
Certifications		CE & FCC & MIC & WEEE, RoHS		

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CE FC ISO 9001

The specification is subject to change without prior notice to improve the quality VERSION 2008.03.27



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