

KGUARD Standalone DVR – 4 CHS – Lite version



4-CH H.264 Digital Video Recorder

The Kguard SH122 are 4ch H.264 DVRs designed for economical application. SH122 come with very powerful functions like free IE 64ch view, POS support, two way audio, smart search, & 3G Mobile view that can help to meet customer’s various kinds of requirement in different applications.

Features

- H.264 Compression for better video quality & smaller record size
- 4-CH H.264 DVR with Sixplex operation – record, live, playback, backup, control, & remote access
- Support DDNS
- Up to D1 resolution
- POS/CMS integration (support access from remote site)
- Mouse Driven GUI Interface
- Two way Audio communication capabilities
- Audio Broadcasting facilitates administrator easy to manage multiple DVR through one IE
- Simple USB Backup
- External USB DVD-RW & USB HDD supported (Backup)

- Digital Zoom 2X / 4X
- Supported Multi-language
- Smart search: provides smart search of “Mark specific Area” for quicker search
- Digital watermark to Prevent film to be altered.
- Playback search by time or event (alarm, motion, video loss, POS)
- 1 SATA HDD.
- USB2.0 * 1 for video/audio backup to versatile USB2.0 storage devices
- USB1.1 * 1 for mouse operation
- Multi-Operation interface: remote controller, touch board, and mouse operation
- RS-485 for PTZ, keyboard control, POS
- Immediately remote trigger I/O devices via IE remote software & Mobile Phone
- Remote view via Mobile Phone/IE/CMS2000
- OCX SDK available for the integration with different applications
- Free Bundle powerful CMS IE remote management software, control up to 64chs on one screen & no limitation for number of DVRs connections.
- Support KGuard Hybrid CMS2000 Server: powerful managing control for all the DVRs and integrate other KGuard security devices (ex.IPCAM & NVR) all together.
- Playback recorded video via IE software (Max. 64chs.)
- Free video player for backup video

Specification

Model	KG-SH122_4ch	
System	O.S.	Embedded Linux 2.6
	Multiplex	Sixplex operation - simultaneous record, live, playback, backup, control, & remote access
	Processor	Multiple
	Certification	FCC, CE
Video	Format	NTSC/ PAL
	Input	4-CH, BNC, 1Vp-p/75ohm

【KG Economical DVRs SPEC】



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	Main monitor	BNC x 1, 1Vp-p/75ohm Optional VGA D-SUB 15-pin connector
	Call monitor	BNC x 1, 1Vp-p/75ohm
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
Audio	Input	1 RCA-jack connectors, line-in level (100mV-2Vrms)
	Output	1 RCA-jack connector, line-out level (up to 2Vrms)
Record	Compression	H.264 compression
	Frame rate (IPS) & Resolution	NTSC – 30 / 720*480, 60 / 720*240, 120/360*240 PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288
	Watermark	Yes
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 60 seconds
	Post-record time	0 - 60 minutes
	Display	Resolution
	Split windows	1/4
	Frame rate	Up to 30/25 IPS per display window
	Digital Zoom	X2, X4
	Sequential switch	User adjustable
Playback	Frame rate (IPS) & Resolution	NTSC – 30 / 720*480, 60 / 720*240, 120/360*240 PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288
	Search	Smart search , Date/time, Camera, Alarm, & Motion
	Operation	Play, Fast Forward, Backward, Pause, Stop.
	Remote	Remote playback from IE or CMS2000
Storage	HDD	1 set of 3.5" SATA type HDD, Max. 1TB HDD storage size Failure detection & privacy law supported (Record time limitation adjustable)
	Partitions	Configurable alarm partition size Configurable auto-overwrite or not
	External Backup	1 USB 2.0 port : USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers (USB to SD), HDD, etc. DVD models: DVD+RW, DVD+R, DVD-R (optional) Auto player for backup files
Alarm & DI/DO	Digital Input	4 contact or TTL/CMOS signal, polarity selectable
	Relay Output	NO (Normally Open) x 1, NC (Normally Closed) x 1
	Buzzer	Yes
	Trigger	Via Sensor input, Video loss, & Motion
	Event log	Yes

Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade One I.E. page for unlimited DVRs connection Configurable HTTP/Control/Data port
	E-mail	Alarm notification to stationary or mobile devices
	FTP	Alarm video/audio file storage
	Video	1/4 split-window & SEQ mode for I.E. and CMS2000 e-maps for CMS2000
	Audio	Two way audio and Audio Broadcasting
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Remote users	Up to 8 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	PC, mobile phone, or PDA
Control RS-485 Interface	I/R	1 I/R remote controller
	PTZ	Pelco (D-Type), SCC-641P, PIH-Series, DyanColor, Kalatel, Bosch AutoDome, Video Trek, PTC-400C, VC-C4
	Keyboard	Kguard Touch board
	POS	1 POS Machine (via RS485 to RS232 converter) Plain text (ex. Epson printer and others)
Setup	Local	On screen setup via mouse, keypad (Key of front panel), I/R remote controller, and/or RS-485 keyboard
	Remote	Setup & upload via Windows application software
	Multi-language	Yes
System	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access
Weights & Dimension	Dimension	320(W) x 210(D) x 50(H)mm
	Weight	2.0 KG (without HDD)
Power	Source	+12VDC
	Consumption	24W Max.
Operating Temperature		0°C ~ +50°C