

## Introduction

Kguard Security Co., Ltd., founded in 1999 has excelled in developing innovative and unparalleled surveillance systems and solutions in the security industry.

Due to the amazing achievement in the security industry, the company has also achieved a rapid growth in its revenue and expansion for the past 3 years. Kguard Security headquarter office is currently based in Taiwan, together with regional offices and warehouses worldwide. In addition, Kguard is backed by the highly efficient sales and technical teams that are always eager to extend quality services to our beloved clients.

Kguard Security has always been dedicating in bringing forth the most effective, versatile and innovative security solutions to the society. Being aware of the need for effective security solutions to counteract crimes and terrorism, Kguard constantly innovates and manufactures new total security solutions that suit different surveillance projects.

All of Kguard products which include CCD camera, Digital Surveillance System, Access Control and other security accessories are specially designed to reduce the issue of product incompatibility. This further magnifies the integration feature of our products into different surveillance projects.

Besides, we also offer professional system integration design and planning services to those who need to setup an efficient surveillance network with Kguard products. In addition, Kguard also offers professional on-site support as well as sales and technical training to ensure that our clients' needs are satisfied.

We appreciate the continuous support of all of our clients. We treasure your precious feedbacks that will help us to progress so that we can provide better services and products to you.

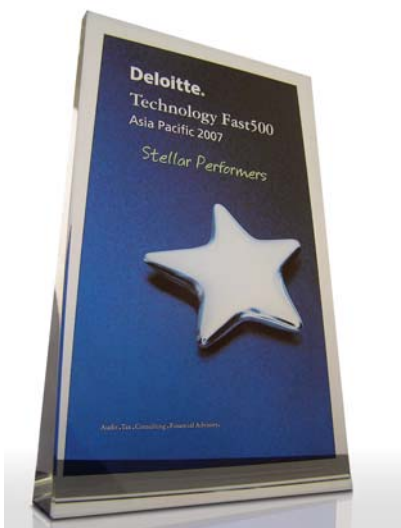


## Core Value

- K** = Keep watching the market trend enable us to provide most competitive and reliable solutions
- G** = Good customer service and technical support
- U** = Unique & unrivald product lines
- A** = Acquiring new security standards by our innovative & experience RD team
- R** = Rapid delivery & efficient customer service
- D** = Distributor (Professional top level sales and service distributor for security equipment and industry)

## Award

**KGUARD has been awarded the 29th on the first top 50 on the Technology Fast 500 Asia Pacific Ranking**



KGUARD Security Co., Ltd. is honored to be acknowledged as the 29th of the top 50 on the Technology Fast 500 Asia Pacific Ranking for the year 2007.

For years, Deloitte Touche Tohmatsu's (DTT) global Technology, Media & Telecommunications (TMT) Industry Group has been surveying for the fast growing technology companies in Asia Pacific region that include, Japan, Korea, Taiwan, Malaysia, Singapore, Thailand and New Zealand.

The top 500 winners are ranked according to their 3-year averaged revenue growth rate ranging from 9,409 to 27,542 percent. And KGUARD has shown a remarkable 3-year revenue growth of more than 1,300 percent.

This is an exceptional achievement for KGUARD in making our security solutions competitive in the surveillance security industry.

Our products are designed based upon reliability, versatility, great quality, innovativeness and excellent customer and technical services..

KGUARD is continuously looking forward to offering more innovative and diversified security solutions to meet our customers' needs

## KG-S130

RECORDING / PLAYBACK RATE:  
**4CH - MAX.120/100 IPS(CIF)**

### Key Features

- Integrate to Hybrid CMS System
- Smart Search
- POS / GPS Support
- Mobile Phone
- DDNS
- Max. 500GB\*2 of HDD storage size
- Record, live, Playback, Backup, Control, and Remote Access



Detection view



Main view



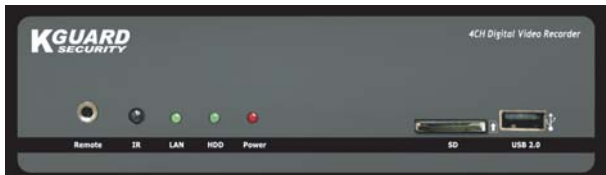
POS view

### Specification

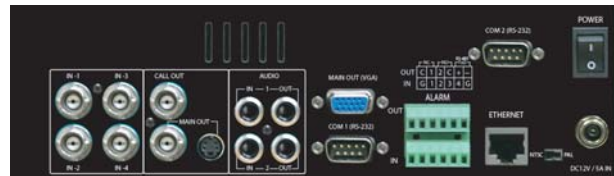
System	OS	Embedded Linux 2.6
Multi - task	Sixplex	Record, Live View, Playback, Backup, Control, & Remote access
Video	Video Format	NTSC/PAL
	Video Input	4 ch NTSC/PAL, 1.0V peak to peak ,75ohm, BNC
	Video Output	1ch NTSC/PAL, 1.0V peak to peak ,75ohm, BNC 1 VGA( 640 X480,800 X 600,1024 X 768,1280 X 1024) 1 S-Video
	Call monitor	BNC x 1, 1Vp-p/75ohm
	Loss detection	Yes
Audio	Input	2 RCA-jack connectors, line-in level (100mV-2Vrms)
	Output	2 RCA-jack connectors, line-out level (up to 2Vrms)
	Compression	Video:MPEG-4 Standard Like, Audio: ADPCM
Recording	Video Format	NTSC PAL
	Resolution	360x240,720x480 360x288,720x576
	Recording Frame Rate	120Fps@360 x 240 100Fps@360 x 288 60Fps@720 x 240 50Fps@720 x 288 30Fps/4ch(720 x 480) 25Fps/4ch(720 x 576)
	Mode	Manual/Schedule/Alarm/Motion
Recording triggered by	Motion detection	Full or Partial area set-up per each channel
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
	Split windows	1 or 1/4
Display	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Freeze	Yes
	Sequential switch	User adjustable
	Digital Zoom	X2, X4
	Frame rate (IPS) & Resolution	NTSC - 30 / 720*480, 60 / 720*240, 120 / 360*240 : PAL - 25 / 720*576, 50 / 720*288, 100 / 360*288
Playback	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc. ◦ Remote I.E. and CMS2000
	Internal	2 set of. 3.5" IDE Type HDD(Max:500GB x 2)
Storage	External	1 SD slot 1 USB 2.0 ports for USB 2.0 flash drives, USB DVD, USB Readers, or specific hard disk drive etc.
	Input	4 contact or TTL/CMOS signal, polarity selectable
Alarm	Output	1 Normally Open, 1 Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes

## Specification

Network	LAN Port	1 10/100 base T Ethernet (RJ45)
	Remote Software Function	Live, Search(Time, POS &GPS), PTZ , FOCUS, IRIS, DVR Set-up(Configuration), Software upgrade
	E-mail	Alarm notification
	FTP	Alarm video/audio file storage
	Display	Multi-Channel or SEQ mode in CMS2000 Dynamic electronics setting maps for DVRs
	Maximum Cameras	4 DVRs with 16 channels
	Audio	Bi-directional audio
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, Static,DDNS, FTP, TSP
	Remote users	Up to 6 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	PC, mobile phone, or PDA
Control / GPS	I/R	1 I/R remote controller
	RS-232	1 D-type female connector for PTZ or GPS 1 optional D-type female connector for PTZ or GPS
	RS-485	2-pin for keyboard, PTZ control, or GPS
Setup	Local	I/R remote controller, and/or RS-485 keyboard controller
	Remote	Setup & upload via IE Remote software
	Multi-lingual	English, Spanish, Italian, Polish, Russian, Turkish, Korean, Traditional & Simplified Chinese.
Reliability	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 & Measures	Dimension	237(W)x250 (D)x70(H)mm
Power	Source	12VDC
	Consumption	45W Max.
Operating Temperature		0 ° C ~ +50 ° C
Regulatory		CE, FCC

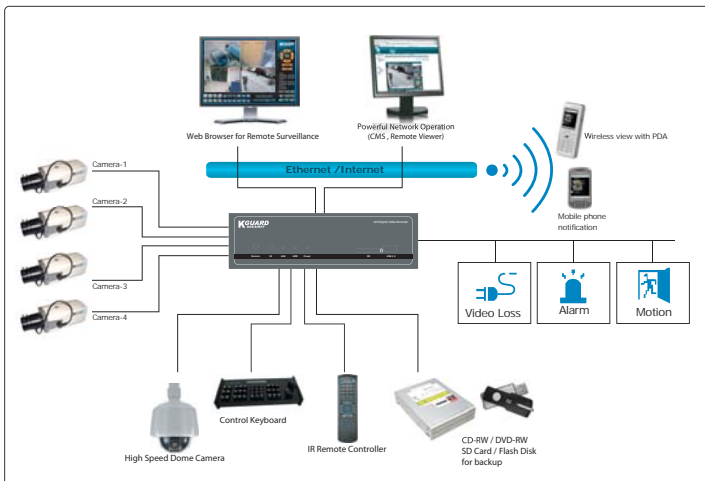


Front Panel



Back Panel

## System Integration



S-130 is designed to support the integration of POS system. This picture illustrates the connection diagram of the POS system with the standalone DVR system

