

# KE-9000D1 Series

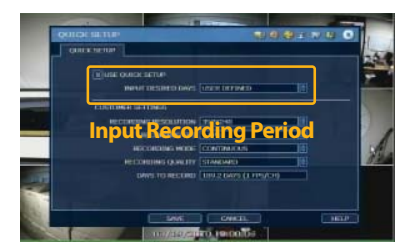
## Premium H/W Design with 1.6 GHz CPU like No Other

- H.264 Codec
- 4 & 8 & 16 Ch Video
- Full D1 Real-Time Record & Playback
- 4 Ch DVR : 1.5U Height Case  
8 & 16 Ch DVR : 2U Height Case



## DVR Main Features

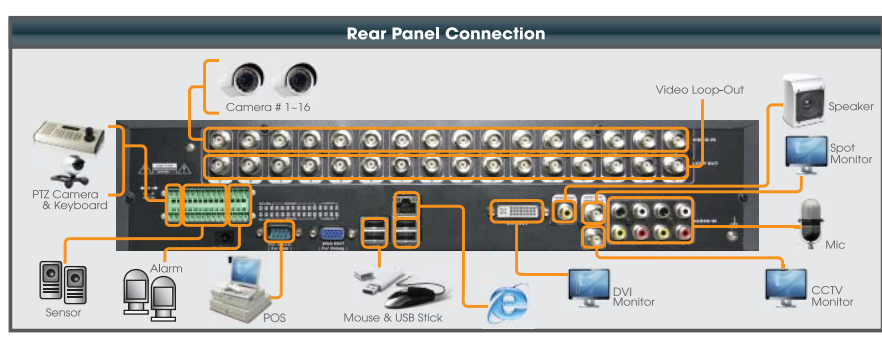
- **Auto Firmware Upgrade**  
Automatic firmware upgrade from FTP server by PUSH function.
- **HDD Health Check**  
Constant HDD health check for "Capacity, Bad Sector, Life Time (Used Period) and Temperature" and warning message if any.
- **Quick Setup**  
User can designate "Desired Recording Period" based on HDD capacity.
- **Full D1 Real-Time Record & Playback**  
Simultaneous 16 Ch real-time record & playback at 480 fps.



STL KE-9016D1 : 480 fps Record & Playback at D1



Competitors in the market



**Keyboard Controller**

To control both multiple DVRs and PTZ camera by 3-axis joystick

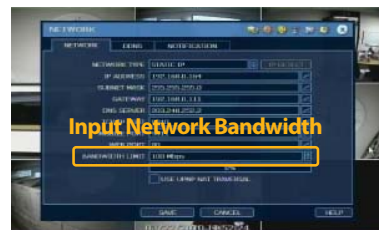
# Integrated Network Solution

- CMS : Max 180 Ch Monitoring with 5 Monitors supported
- RMS : 16 Ch Monitoring with AVI Backup & Watermark
- Mobile Viewer : WAP connection by any kinds of cellular Phone  
iPhone & Black Berry & Android & Win Mobile Phone
- Web Viewer : Built-In Web Server



## Network Main Features

- **Dual-Stream Function (Recording & Transmission)**  
Simultaneous dual-stream images with adjustable fps and resolution & image quality
- **Network Bandwidth Control**  
Network bandwidth ranging from 25 Kbps up to 100 Mbps can be designated by just one mouse click.
- **Scheduled Remote Backup**  
User can remotely backup the massive volume of data according to scheduled program at CMS software.
- **NTP Server**  
DVR can be synchronized based on NTP server ("pool.ntp.org").



MODEL		KE-9004D1 (4 Ch)	KE-9008D1 (8 Ch)	KE-9016D1 (16 Ch)
HDD Bay		3 x SATA HDD or 2 x SATA HDD & 1 x DVD	4 x SATA HDD or 3 x SATA HDD & 1 x DVD	
Video	Input	4 ch	8 ch	16 ch
	Loop-Out	Built-In		
Display Speed(NTSC/PAL)		120/100 fps	240/200 fps	480/400 fps
Video -Out (Monitor)		2 x Main Monitor (Composite & DVI) & 1 x Spot Monitor (Composite)		
Recording Speed (NTSC/PAL)	352x240/288(CIF)	120/100 fps	240/200 fps	480/400 fps
	720x240/288(HalfD1)	120/100 fps	240/200 fps	480/400 fps
	720x480/576(D1)	120/100 fps	240/200 fps	480/400 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480, PAL : 352x288, 720x288, 720x576		
Recording Mode		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Pre & Post Alarm Recording, Emergency Recording, Quick Backup		
Playback & Search	Playback Channel	1, 4, 9 & 16 Ch (16 Ch Real-Time Playback at D1)		
	Function	Intelli-Search by Time Bar, Calendar (Date & Time) and Event/system Search		
Audio Input / Output		4 Ch Input / 1 Ch Output	4 Ch Input / 1 Ch Output	8 Ch Input / 1 Ch Output
Alarm Input / Relay Output		4 ch / 4 ch	8 ch / 4 ch	16 ch / 4 ch
P/T/Z Control		Pan/Tilt/Zoom/Focus/Iris & Virtual Joy Stick		
LAN		Gigabit Ethernet (RJ45) – Fixed IP, DHCP & DDNS		
Backup Device		USB Memory Stick & DVD Burner & Network(CMS)		
System Operation		Front Button, IR Remote Controller, USB Mouse, Keyboard (Option)		
Power		12V X 5A D/C Adaptor	12V x 7A D/C Adaptor	12V x 10A D/C Adaptor
Certification		CE & FCC & MIC & WEEE, RoHS		

(\*) Specification is subject to change without prior notice

