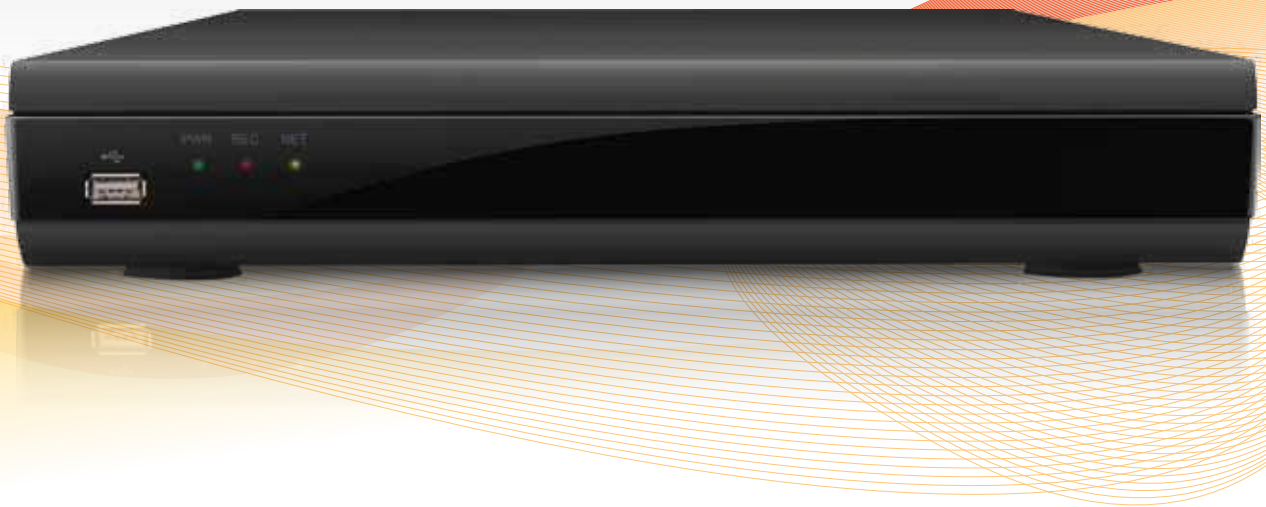


# Premium Real-Time Recording

## ELS Series



### Main Features

Real Pentaplex Operation  
Straightforward Tree Menu  
Independent Channel Setting

Compact-Sized Case  
1 x HDD Internal Bay (Max. 2TB)  
2 Video Out: VGA & (Composite or Spot: Selectable)  
2 USB Port  
Backup via USB Memory & Network

DCN(Remote Control DVR), uPNP(Auto-Portforwarding)  
Email&FTP Notification/Alarm-Out/Buzzer for Event  
Recording & Alarm-Out Scheduling  
Web-Viewer, CMS (DDNS & Multi-Port Support)  
Smart-Phone Viewer

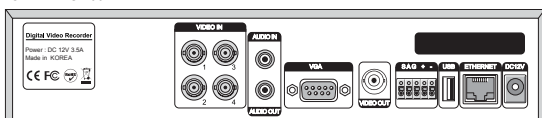
# Specification

# ELS Series

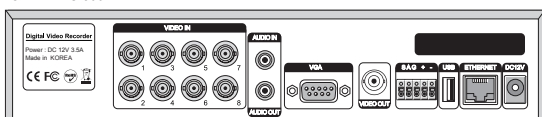
MODEL		ELS-400	ELS-800
Compression Algorithm		Video : H.264, Audio : G.726	
HDD Bay		1 x SATA HDD (Max. 2TB)	
Video	Input	4 CH	8 CH
Video Out	Monitor	1 x VGA and 1 x Composite or Spot (Composite or Spot: Selectable)	
	VGA Resolution	800x600	
Live Display Modes		1, 4 & PIP	1, 4, 9 & PIP, POP
		Digital X2 Zoom	
Recording Speed (NTSC/PAL)	360x240/288(CIF)	120/100 fps	240/200 fps
	704x240/288(2CIF)	120/100 fps	120/100 fps
	704x480/576(D1)	60/50 fps	60/50 fps
Recording Modes		Continuous, Schedule, Sensor-Activated & Motion Detection Recording Pre-Alarm & Post-Alarm, Emergency Recording	
Playback & Backup	Speed	Fast Forward/Backward(x1, x16, x32, x64), Step Forward/Backward	
	Search	Search by Time, Calendar, Events and First/Last Search	
	Backup Device	USB Memory Stick/HDD, Network(Web-Viewer, CMS)	
	Backup File Format	AVI (With or Without Timestamp), PS (Playback in Backup-Viewer)	
Audio Input / Output		1 In / 1 Out	1 In / 1 Out
Sensor Input / Alarm Output		1 In / 1 Out	1 In / 1 Out
Port		2 x USB 2.0(Mouse/Memory Stick/HDD), 1 x RS-485(PTZ)	
LAN		10/100 Base-T Ethernet (RJ45) – Static / DHCP / DDNS	
Event & Alarm		Email&FTP Notification / Alarm-out / Buzzer for Events & Video Loss Warning Message & Buzzer for HDD Over-Temperature Alarm & Email Notification-Schedule for Events-Triggering	
Network	Transmission	Video Dual-Stream (Local recording & Network Transmission) Video Resolution & Frame rates adjustable Bandwidth adjustable (64/128/256/512Kbps, 1/2/4/10Mbps, Unlimited)	
		C.M.S	
		Web-Viewer (I.E)	
	JAVA Web-Viewer		
	Smart Phone		
Other Functions		Multi-Language, Firmware Upgrade by USB & Network, Water-Mark Configuration Export & Import, Private Zone, Covert, Deinterlace On/Off, DST, NTP User Authority (Max. 20 Users), UPNP(Auto-port forwarding) Automatic DDNS Domain Creation	
Power		DC12V, 3.5 A	
Storage Temperature and Humidity		-20~60°C / 20~95% RH	
Operating Temperature and Humidity		5~40°C / 20~80% RH	
Certification		CE, FCC, RoHS	

## Rear Design

MODEL: ELS-400



MODEL: ELS-800



## Configuration

