Premium Real-Time Recording
Low-End H.264 Stand-Alone!

ECS Series

Main
Features

Full Graphic User Interface (Multiple language support)
Individual Channel Recording (Resolution, Frame rates and Quality)
Easy Operation by USB mouse / Front Keys / Remote Control
De-Interlacing feature in DVR Itself
System Automatic-Rebooting by Itself for Watch-Dog

1 x SATA HDD Internal Bay
Multiple VGA Resolution: 800x600, 1024x768, 1280x1024
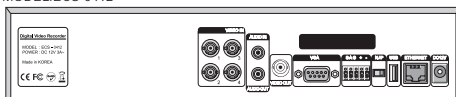2 Video Out (Composite, VGA)
Backup via USB Memory Stick & Network CMS

Real Pentaplex Operation
Recording & Alarm-Out Scheduling
Pre / Post / Extra-Alarm Recording
Dual-Stream (Local Recording & Network Transmission)
I.E Web-Browsing, CMS (DDNS and Multi Port support)
3G Mobile Phone Viewer

Specification

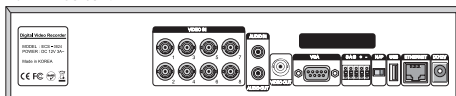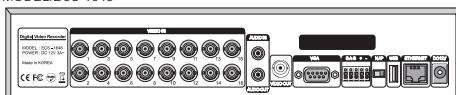| MODEL		ECS-0412	ESC-0824	ECS-1648
Compression Algorithm		Video : H.264, Audio : G723		
HDD Bay		1 x SATA HDD		
Operating System		Embedded Linux		
Video	Input	4 CH	8 Ch	16 CH
	Loop-Out	X	X	X
Video Out	Monitor	1 x Composite & 1 x VGA		
	VGA Resolution	VGA Resolution : 800x600, 1024x768 & 1280x1024 (Selectable)		
Live Display Modes		1, 4 & PIP	1, 4, 9 & PIP, POP	1, 4, 9, 16 & PIP, POP
Recording Speed (NTSC/PAL)	352x240/288(CIF)	120/100 fps	240/200 fps	480/400 fps
	720x240/288(2CIF)	120/100 fps	240/200 fps	240/200 fps
	720x480/576(D1)	120/100 fps	120/100 fps	120/100 fps
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Pre & Post Alarm Recording, Emergency Recording		
Playback & Backup	Speed	x1, x8, x32, x64, x128		
	Search	Intelli-Search by Time Bar, Calendar , Event and First/Lsat Search		
	Backup Device	USB Memory Stick & Network by CMS		
Audio Input / Output		1 In / 1 Out		
Sensor Input / Alalrm Output		1 In / 1 Out		
Port		2 x USB, 1 x RS-485(PTZ)		
LAN		10/100 Base-Tx Ethernet (RJ45) – Static / DHCP / DDNS		
Network	Transmission	Video Dual-Stream (Local recording & Network Transmission)		
	C.M.S	Live Monitoring, Playback and Backup , PTZ Control, Local DVR Reboot		
	Web (IE)	Live Monitoring, Playback, Snapshot and PTZ Control		
Other Functions		Multi-Language, Firmware Upgrade by USB & Network Configuration Import & Export, Water-Mark, Alarm out for Video Loss & Events Email-Notification/Alarm-out/Buzzer for Events, Warning for System Over-Temp		
Power		DC12V, 3.3A		
Storage Temperature and Humidity		-20~60℃ / 20~95% RH		
Operating Temperature and Humidity		5~40℃ / 20~80% RH		
Dimension (WxDxH)		341 x 258 x 60, Packing: 374 x 383 x 126 (mm)		
Certification		CE, FCC, MIC & RoHS		

Rear Design

MODEL:ECS-0412

MODEL:ECS-0824

MODEL:ECS-1648

Configuration

Camera
PTZ
External USB HDD   Sensor   Alarm   Audio   External Keyboard
Monitor
VGA
DVR1
DVR2   DVR3
Network
CMS 64 CHANNEL