



### Features

- Max. Recording 120fps(NTSC)/100fps(PAL)
- Dynamic Recoding Schedule Functions (Time, Motion, Alarm)
- Support Emergency-Recording Key
- 16ch Video Loop-Back & 1 VGA, 1 SPOT
- 4ch Audio Input / 1ch Output
- Easy Control interface  
: Front Key board / Remote controller / USB Mouse
- Support SATA interface 3 HDD / 1 DVDRW (\*Optional)
- Support DDNS server and Web server (with ActiveX)



## HDx Series System Diagram



Model			HDE2412
Video	Input	Composite	8Ch, 1..0Vp-p, 75Ω
		Signal Format	NTSC/PAL
Audio	Output	Main Monitor	Composite 1CH BNC, 1CH VGA, 1CH Spot
		Output Level	Composite, 1.0Vp-p, 75Ω
		Loopback Output	8CH BNC, 1.0Vp-p, 75Ω
Audio	Input & Output / Audio Codec		4CH RCA type Line input / 1CH RCA type Line Output / ADPCM
Recording	Compression Format		H.264 Baseline Profile
	Compression Rate		4 Step Selectable
	Frame Rate (NTSC/PAL)		D1 : 720x480 / 720x576 MAX. 30 / 50fps Half D1 : 720x240 / 720x288 MAX. 60 / 50fps CIF : 360x240 / 360x288 MAX. 120 / 100fps
	Recording Mode		Time Continuous / Schedule / Event / Emergency REC
	Motion Detection		Each Channel Area Selectable
Display	Display Rate		Real time Display per Camera
	Multi-screen Display		1 / 4 / 6 / 8 / PIP / Digital Zoom / Auto Sequence
Playback	Display Mode		1 / 4 / 6 / 8 / Digital Zoom
	Playback Mode		Normal Playback, Various playback speed (Forward and Backward)
	Search Mode		Archived data Search, Data/Time, Calendar, Event
Event	Sensor Input		8 TTL (Terminal Block NO/NC Programmable)
	Alarm Output		2 Relay, 2 TTL (Terminal Block NO/NC Programmable)
	Pre-Alarm Recording		Max. 30 sec.
	Post-Alarm Recording		Max. 1 Min.
Language	Multi-Language		English, Korean, Spanish, German, Netherlandish, Japan, French, Italian, Turkish, Greek, Russian, Czech, Slovak, Polish, Portuguese, Traditional Chinese, Simplified Chinese
Storage	Internal HDD	Interface Type	3 SATA type HDD
		Max HDD Capacity	Support 1TB
	Internal ODD	Interface	1 SATA Type ODD
Backup	Data Exporting	USB / ODD	USB Memory & External USB HDD, Clip copy for Quick Time (mov) / CD-R, CD-RW, DVD-RW *Option
Serial Port	PTZ Camera Control		1 RS-485, 1 RS-232
Operation	Control Applications		Via Front Consol Control, USB Mouse, Remote Controller, TCP/IP (Network)
Network	Remote Access Interface		Support Same Local Control Interface
	Remote Access Tools		ActiveX Base Web Live & Search / HDx Viewer and CNB CMS Access (Live, Setting, Search, Recoding, ETC.) / Event Alarm Callback, Remote Site System Check with HDx Viewer and CNB CMS
	DDNS Service		Support by CNB DDNS Server (Free)
	Network Interface		10/100 base-T Ethernet (RJ-45)
	System Time Sync.		Support Network Time Protocol
Other	Power		DC12V, 6.67A, 80W
	Dimensions (WxHxD)		430 x 95 x 419 (mm)

**DIMENSIONS**

