



### Features

- Real-time Recording 480fps(NTSC)/400fps(PAL)
- Dynamic Recording Schedule Functions (Time, Motion, Alarm)
- Dual Independent Display
- Support AD Display mode
- Digital Zoom
- 16ch Audio Input / 1ch Output (Two-way Audio)
- Easy Control interface  
: Front Key board / Remote controller / USB Mouse
- Built in 2 SATA interface
- Text-in-Text feature for POS / ATM device
- Support DDNS server and Web server
- Support i-phone & Android viewer



### HDx Series System Diagram



Model		HDS4848E	
Video	Input	Composite	16Ch, 1.0Vp-p, 75Ω
		Signal Format	NTSC/PAL and RGB(VGA)
	Output	Main Monitor	Composite 1CH BNC, 1CH VGA (Dual Display)
		Output Level	Composite, 1.0Vp-p, 75Ω
Audio	Input & Output / Audio Codec		16CH RCA type / Line 1CH RCA type Output / ADPCM
Recording	Compression Format		H.264 Baseline Profile
	Compression Rate		4 Step Selectable
	Frame Rate (NTSC/PAL)		D1 : 720x480 / 720x576 MAX.120 / 100fps Half D1 : 720x240 / 720x288 MAX.240 / 240fps CIF : 360x240 / 360x288 MAX.480 / 400fps
	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 / 8 / 16 / PIP / Digital Zoom
Playback	Display Mode		1 / 4 / 8 / 16 / Digital Zoom
	Playback Mode		Normal Playback, Various playback speed (Forward and Backward)
	Search Mode		Archived data Search, Data/Time, Calendar, Event
Event	Sensor Input		4 TTL (Terminal Block NO/NC Programmable)
	Alarm Output		2 TTL (Terminal Block NO/NC Programmable)
	Pre-Alarm Recording		Max. 30 sec.
	Post-Alarm Recording		Max. 30 Minutes.
Language	Multi-Language		English, Korean, Spanish, German, Netherlanders, Japan, French, Italian, Turkish, Greek, Russian, Czech, Slovak, Polish, Portuguese, Traditional Chinese, Simplified Chinese
Storage	Internal HDD	Interface Type	2 SATA type HDD
		Max HDD Capacity	Support 2TB
Backup	Data Exporting	USB	USB Memory & External USB HDD, Own Media Play, Own DB file
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	Operating Temperature		5C ~ 40C (41F ~ 104F)
	Operating Humidity		0% ~ 80% / Non-Condensing
	Power		DC12V, 3.33A, 40W
	Dimensions (WxHxD)		340 x 67 x 267 (mm)
	Weight		Approx. 2Kg (Without HDD)

**DIMENSIONS**

