

## HDcctv Economic 4CH

### H.264 Digital Video Recorder



**HD-0405E**

### Key Features

- Full HD (1920x1080) / HD (1280x720) Recording & Playback
- 1920x1080 Display (HDMI & VGA Video Out)
- Digital Zoom In & Out on Live & Playback
- E-mail event notification along with image file attachment.
- Free i-Phone® app & Android™ App
- Remote Configuration & Firmware Upgrade
- PTZ Operation via RS-485
- Quick Setup
- Network Dual-stream
- 2 Internal SATA port & 1 eSATA port

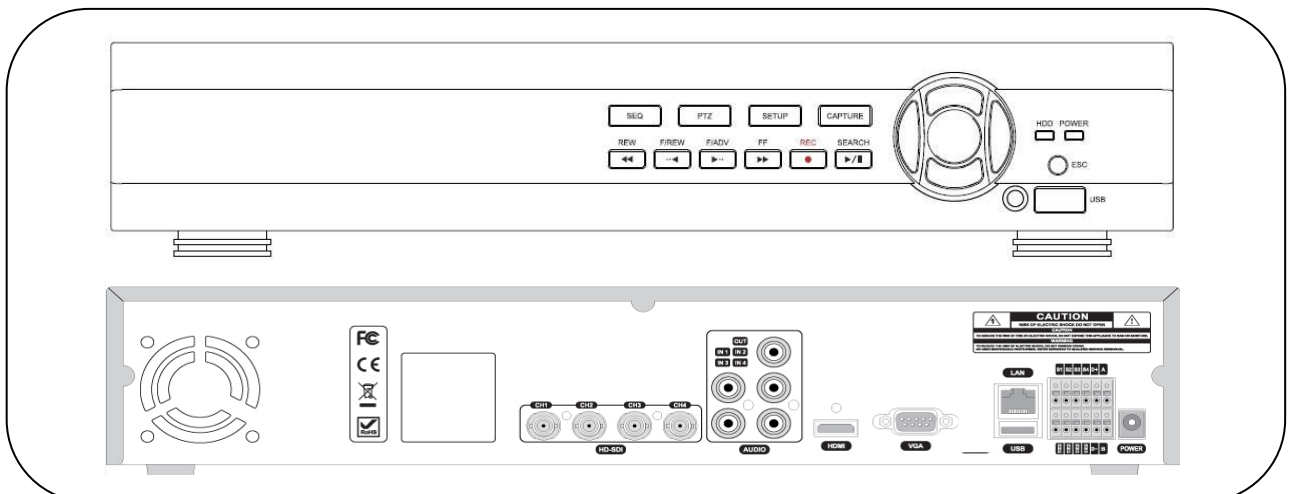
### Features

- Individual channel operation
- Easy DDNS & Easy Network Installation
- E-mail event notification along with image file attachment.
- Covert Channel.
- NTP (Network Time Protocol).
- Watermark Verification.
- Synchronized audio for court evidence.
- Time Stamp over backup data for court evidence.
- HDD S.M.A.R.T status check and alert via e-mail or internal beep.
- Multi OSD languages.
- 4CH Audio
- 4 Sensor Input
- Front button, Remote Control and Mouse (option) operation
- Remote access via PC, MAC®

# Specification

ITEM			HD-0405E
Video	Input	Input Level	4CH HD-SDI (1080p25/30, 1080i50/60, 720p25/30/50/60)
	Output	Main Monitor	HDMI (Max. 1920x1080)
		Sub Monitor	VGA (Max. 1920x1080)
Audio	Input		4CH Line Input
	Output		1CH Line and HDMI Output
	Audio Codec		G.711
Alarm	Sensor Input		4 CH, NC/NO Selectable
	Alarm Out		1/2CH out by Sensor, Motion and Video Loss
Operation			PentaPlex
Live	Digital Zoom		Support
	Channel Sequence		3 ~ 60 seconds Auto
Recording	Compression		H.264
	Resolution		Up to 1920x1080
	Frame Rate		1080p max. 7fps/CH, 720p max. 15fps /CH
	Recoding Quality Grade		5 Levels
	Motion Detection		Setup by Grid
	Pre Recording		Min. 15 seconds and Max. 20 minutes
	Post Recording		10 ~ 60 seconds
Playback	Digital Zoom		Zoom-in of specific area
	Speed	FF	x1/4, x1/2, x2, x4, x8, x16, x32
		FR	x2, x4, x8, x16, x32
	Search Mode		Timeline, Event, Archive, Log, Specific Time, Quick Search (TBD)
Backup	File Format		BMP/Proprietary Format
	Media		USB/External HDD/Network
	Built-in Viewer		Yes
Network	Dual Streaming for Live		Main: Recording quality, Sub: 640x360
	Playback		H.264 HD (Same as recorded data)
	Streaming		RTP/RTSP/RTCP
	Protocols		HTTP, DDNS, NTP, SMTP

Storage	HDD	Interface	SATA
		External Storage	e-SATA
		Max. Capacity	2TB x 2EA
	File system	Self-developed, Reliable and Stable File system	
	S.M.A.R.T	HDD Error Check and Reporting	
User Interface	Menu Display	Graphic User Interface	
	Input Method	Front Buttons, IR Remote control, Mouse (option), Keyboard controller (option)	
PTZ Operation		RS-485	
Network	Ethernet	RJ-45, 10/100 Base-T, Auto MDI/MDIX	
Network Access	Web Viewer	Live, Search/Playback, Backup, PTZF, Remote Setup/Upgrade	
	Client S/W	Live, Search/Playback, Backup, PTZF, Remote Setup/Upgrade	
	CMS	Live, Search/Playback, Backup, PTZF, Remote Setup/Upgrade	
Features	Daylight Saving Time	Yes	
	Internal Beep	By Video Loss, HDD Error	
	Multi Language	Yes (more than 20 languages)	
	Software Upgrade	By USB, Network Remote Upgrade	
	NTP	Yes	
	Watermarking	Yes	
	3G Mobile	iPhone, iPad , Android Phone & Tab	
General	Operation Condition	5°C - 40°C, During storage: -10°C - +50°C	
	Power	DC 12V 5A	
	Net Weight (Gross Weight)	4KG (4.5KG)	
	Dimension (W x D x H)	340mm x 262mm x 63mm	



**This document contains preliminary information and it subjects to change without notice.**